# A Complete Bibliography of IEEE/ACM Transactions on Computational Biology and Bioinformatics

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<table>
<thead>
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<td>(1, 2) [BJ13]. (+, 2) [KO15]. (1.5 + $\epsilon$) [CWZL08]. (L, d) [CW11, DBR07, Tan14]. 1 [APPG18]. 1.375 [EH06]. 2 [BLR15, KD15, LBQ+13, SSF18]. 2+ [LCOMG14]. 3 [ARP+16, BRF12, CBF+18, GH15, LQV+13, LHQ+18, NPK+07, RG16, RWH+10, Str11, SSF18, VMD+08, YLH+15, YCZ+18]. 4 [LBQ+13, MCRC17]. 13 [AAG+18]. 3 [LY+12]. ATP [BMH+16]. $\alpha$ [MRB12]. $\beta$ [AEE11, BMH+16, YXS16]. $\ell_2$ [JXN+16]. $F^2$ [BCS11]. G [LBQ+13]. K [ARZ+14, AC12, AFJ12, HC14a, IM14, LMZ14]. $L_p$ [LLT10]. $\lambda$ [SPA17]. M [ZWZ16]. $N$ [LZGZ14, MRK18, KNTB18]. $O(m \log m)$ [SSS+15]. $O(N^2)$ [BHS+04]. $O(n \log n)$ [WLY14]. $\Omega(n^2/\log n)$ [BE08]. P [VTGC16, UKV18]. R [MTNH17, Pol13]. S [SP11].</td>
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[SSS+15]. -Transform [SP11]. -Values [VTGC16].

/K [BCFCC13].


3' [MSH+11]. 3ST [HS08].


Activation [RKZ16]. Active [HHSC13, NF+12, OLZ11, WHKK07]. Activities [AAFW+11]. Activity [SYKS15]. Actors [ZZK18]. Actually [RRTB12]. Adaptation [JSS+18, RHH16].


Aggregation [APPG18, BRF17, GSC17, SMB12, SPMB13, YOK109]. Aging [TC13, YFCM17, FZM15]. Agnostic [AALD17]. Agreement [BN06, GB10, RBD1MPG16, SCPS12].

Aided [gCLL+10, MVS+13]. Airflow [RSC18]. Airway [RSCX18]. AkaneRE [SYM+10]. Albumin [RTA+16]. Algebraic [FM13, LW13b, ZXB11]. Algorithm [ALR+13, AALD17, BHS+04, BPV+11, Bi09, BKLS18, BS08, CFOS06, CC09, CWF+19, CBG+18, CW3L08, DT11, EH06, FM12, FMD18, GZFT15, GSC+18, GAGM11, GK08, GPMH16, Gra04, HBM19, HWPE17, HBC+11, HHYH07, HLSR18, HDS+18, HLI11, HvkS11, KCD+12, LTA+13, LCLL10, LHF+15, LLH+17, LLW10, LW12, LZZZ13, LT07, MWL+12, MXS15, MTSCO10, MPS18, MCD+11, MLZ17, MB16, MM17, NTC007, NP13, NPD+17, ORC13, OWC17, PAM12, PHL+15, RB16, SCPS12, XFB+19, YWX18].
OMWX09, OP11, PAL12, PLCW17, PK13, PBJ12, RMV12, RSJK13, SDS18, SS04, SIM12, SR10, TZIP17, UJ09, UWLH15, UAH16, WLCP11, WKLL12, WWLL16, Wan16, WDHO8, WLC11, WMS09, XHQ18, XWC15, YWK12, YYYC12, YXYC13, YCO8, ZWL12, ZZZC17, ZZH18a, ZLJT17, ZW13, AMBK14, CFIS15, DST15b, FWY15, GRDV14, GM14, GAVRR15, HLIW15, ARZ14, Nye14, PWZW15, PWC15, RHH16, SHK14, SSKH15, STT14, SSS15, XXM16, YHV15, ZSY14.

Algorithmic [LQV13]. Algorithmics [BvBF11]. Algorithms [AKS13, ASI11, AAE11, BEW09, BAK06, BBK10, BG17, BM13, CEFBS06, CW09b, CW11, CW12, Che13, CAN10, DBR07, GH08b, HK12, HCLS11, HYW08, HKM18, JRSS18, Jin10, LNC10, LCC11, MO04, Mai09, MWSM12, NSNA19, PG18, PIH0a, POS18, Pol13, RZMC17, RA10, SK08, Shi10, SLH10, SDB10, TS18, TRKRC13, WL11, Wan12, WBE13, WCLY12, XZG18, YLCC13, YDM10, ZD12, ZZZ18, vIKKS08, PSK10, Tnn14, ZHL14].


Alignment [AH11, AKLJ17, AGMP09, BTR11, BAK06, CW04, CWP06, DBZ12, DK17, DK13, DBN18, ECK16, FGKH11, FMD18, GPMH16, HT09, HGM18, HB11, IGM10, JZJW17, AKD17, KK08, LNR10, LPR10, MWL12, MGK08, MK11, MGK17, NP13, NSZK15, PHX10, Pol11, Pol12, Pol13, RCM19, RGN10, SHH1b, SLH06a, SSWF12, TRKRC13, TDK13b, TED12, TDA09, TTTWR13, VM18, WS08, WLMW11, WHKK07, WAK13, WB11, WCLY12, Xn05, YLL06, YH13, ZLSS17, ZGB12, CV14, FZM15, FSL15, MG14, PSK15, SHSI15, SCC15, SPWF14, XMM16].

Alignment-Free [YH13, CV14].

Alignments [BDD10, HVG04, HPL13, PT09]. Allele [BBSP08, DLM12]. Allowing [AGMP09]. almost [WLY14]. along [AGMP09].


Amnioserosa [DABV17]. Analog [Pre04].

Analog-Spectrum [Pre04]. Analyses [ATA17, WYX13]. Analysis [ACC13, APK18, IAOS16, BB11, BRS18, BGS12, BLK18, BLFCC13, CP13, CXW13, Che10, CW08, CSM18, CMC12, Dal16, DSH08, DAF10, DKDD10, DSVMM18, DPW12, FZWS17, FM12, GGH13, GCZ18, GF10, Gos11, GM16, Han10, HB05, HYC12, HSTW06, HLDZ17, HLLB18, IL18, IYA12, JDCC12, JL10, JCF13, JZL13, KPK17, KNTB18, KS12, KSK18, LCTS08, LEAK11, LFK16, LTM12, LL11, LKY11, LLLX11, cLWA07, LLLJ15, LHH16, LW19b, LTL07, MWZY17, MO04, MTNH17, Mam05, M12b, MC07, MSS13a, MGS17, MWD11, MB13, MBB17, NU06, NA11, NO09, NNN12b, OGI11, PLMV12, PipC18, Pau18, POS18, RDMBC13, RAM17, Roc11, RW10, RPBP18, SDA06, SDCW11, SDK07, TZH07, TRKRC13, TWZ16, UKV18, VMZ17, WAZ07, WMWA12, WYHD17, WHXS17, WP08, WHK07, WWC18, XHY18, YLX04, YLL06].

Analysis [YB08, ZMST18, ZZ13, ZZN15, ZW16, ZC11, ZK16, ZZZ07, ZWW17, ZYW13, ZGDH16, ZCWW19, dCAR11, GTDK15, GMCB14, KG15, LHN14, LYH16, LCC15, LP15, LLH14, MEOL14, OFC14, RTWR15, WZ14, WZC15, YLLL15, ZSY14].

B [WWC18, LLW+11, XHY+18, ZWL11, ZHL+14]. B-Cell [XHY+18, ZWL11, ZHL+14]. Bacillus [NPBD16, SSDN12]. Backbone [HSTW06]. Bacteria [CZJ17, Cza18, MBP+18, MLZ17, MWD11]. Bacterial [IGM+07, Kar12b, NLGG12, NLW+18, SKK14]. Bad [Wan16]. Balanced [BGHM09, BM13]. Balancing [KZ10]. Bandwidth [ZACS09]. Barcode [WZZ+18]. Barcodes [YLCC13]. Barcoding [MRK18]. Barking [LNR+09]. Barrel [YXS16]. Base [WOY17, ZKP+07]. Base-Assignment [ZKP+07]. Basecalled [MRK18]. Basecalling [cLWA07]. Based [AAF+13, AOSN+18, ALR+13, APRS11, AW18, Anol2a, AM12, BBW18, BM17, BEW09, BDP11, BZ07, BMM06, BFMI3, BAK06, BU17, BGHM09, BM13, CCA12, CCYW12, CDB+16, CH11, CLW13, CXW+13, CGZ15, CHZ+16, Che16, CLS19, CM16, CDKT09, DLT10, Dal16, DBZ12, DZ11, DBTB09, DT11, DPW12, EAS12, EMK18, ED15, FJJ11, FL18, FVLN15, FLM+16, FLAM15, GLL+18, GR5+13, GXSZ17, GAGM11, Gos11, GSC17, GZC+17, GM16, HYW+17, HOS+12a, HOS+12b, HHSC13, HWPE17,
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Between-Class [SYZ+13]. Betweenness [BLS12]. Beyond [CV14]. Bi [BA18, UKV18, YFW18]. Bi-convex [WB17]. Bi-level [UKV18]. Bi-Objective [BA18, UKV18]. Bi-Random [YFW18].


biclusterings [HC14b]. Biclusters [HT12, YBM05]. Bidirectional [CC07, TR07]. Big [WYW16, JZC15, LHS16, WLC+15].

Bijective [GE18]. Bilinear [HLM+13]. Billera [WYH17]. Binarization [HMW+12]. Binary [BG12, HYW+17, KB17, PK13, WAL+13, YBM05, YOK10].

Binders [CPQ08]. Binding [AM12, CHZ+16, EMDH11, GLW12, HZTP12, HLZ+17, IDD13, LSTW+17, LPH18, LFF18, MGZ+12, MGXS15, MWZY17, PLF12, PIPC18, RTA+16, WP08, WLL13, WLP15, WLPW16, WZ13a, ZCG+18, ZZDY13, AM15, DKS+15, LHVL15, PSK+15, STT+14, WSTL+15].
Bindings [HBRU13]. Binning
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Bio [GBTTL14, SLX+18, TS17]. Bio-driven
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Bio-Inspired [TS17]. Biochemical
[AV17, HM13, QV17, SH11a, SMSZ17,
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bioco conductor [VPB15]. BioCreative
[Ano09c, gCLL+09]. Bioinformatics
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Che12, CN12, CZ12, Che13, CLR10, FJJ18,
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[Ano09c, BPRZ11, BBH12, Cas06, Cas07,
Che12, CN12, CZ12, Che13, CLR10, FJJ18,
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[LC10]. BIOKDD2013 [PR14].
BioMiner [CLM10]. Biologic [CL15].
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HYZ16, JRN+18, KKL11c, Kuk13, LBM+18,
LLH+07, LN13, LWZ12, MO04, MBGP12,
MNND13, MVS+13, MB16, NNM+12a,
NNM+12b, Pau18, PR18, PLCW17, PCK19,
PPZ12, RA16, SFB+08, SDOD+12, SDN+11,
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[YMW+12]. Boosting
[CMSE+15, HLL+17, WYY+13, YL12]. Bootstrap
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[HC13]. Botulinnum
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[BFK17, MVS+17]. Boundary
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[KO15]. Bounding
[NSNA19]. Bounds
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[FVLN15]. BpMatch
[FM12]. Brain
[DGY05, JZL13, JHNL19, MBB+17, NPK+07, YCZ+18].
BRANE
[PCDP18]. Brazilian
[SA15].
break [PS15, SSML15]. break-induced [SSML15]. break-points [PS15].

Breakpoint
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Breakpoint-Like [CC09, FM11, Gru11, JZSZ12, ZW13].

Breakpoints [SSML15].

CAVER [AP07, PGF18]. BSB [DSK13].

Bubbles [ZL15]. Budding [CAW+19].

Budgeted [MPKVH09].

Builder [VSR+06]. Building [CKWY12, MEOL14, NCMCAR15, NLHL17, VBG+18].

Bulk [XSS16]. Burrows [LHKL17].

Burrows-Wheeler [KVX12].

C [AAG+18, HEE+18, LHKL17, SKD+07].

C-detected [AAG+18]. C-Means [LHKL17, SKD+07]. Ca [LOCMG14].

Cache [CLR10]. Cache-Oblivious [CLR10].

Calcium [JLW17]. Calculating [Vis18, SYV14]. Calculation [GDM18].

Call [An005a, An008c, An090c, Anol12a, Anol13d, Anol13b, Anol13c]. Calling [BBSP09, XZY+14].


Cancer
[BR18, BHMA06, CD08, DSZ+06, DZH16, GXZ17, GMSD11, GB08, GBG+11, Han10, KSN+12, KCP18, LDM18, LHC18, MWZY17, Mah10, MPF12, MSS+13a, OGI, PSS09, PSM17, P109, PB19, RHAK13, SSS+11, SMRP15, ST05, SZLL11, SDTK19, UKV18, WCX07, WLCX18, WQY18, WDS+12, WGK16, XHQ+18, XAW07, YLC13, YLY+12, YCCM12, YOK109, ZHS07, ZLH+17, ZLZ18, BW+14, JR14, KPB14, LLCZ15, LWM14, MFS+15, Mr14, SRLR14, TWZ+14, XLWL15, YCY+15].

Cancer-Associated [KCP18]. cancers [ZMP+14]. Candidate [ZRRP19].

Capabilities [BLP+12, MM14a]. Capsid [XSS17]. Capture [LW18].

Carbon [RBdJ11, MZS+16].

Carcinoma [CSSS16, DCHW17, YSW+17].

Cardiac [LKY+11, MBF+13].

Cardiomyocytes [WBP+12]. Cards [PCGS05].

Carlo [ADTAQ16, AV16, Bi09, GJY+14].

Cascaded [CC07]. Case
[CSSS16, GSC17, IYA12, OMAdG+12, SCCKD09, ZWW17, ZMT14]. cases [KO15].

Categories [RV13, Tah18]. Categorization [BMHS13, LS10]. Caterpillar
[DR16, Ros13]. Caterpillar-Like [DR16, Ros13].

Caudatum [AAOS16].

Causal [LLL15, LHC18, YNN+18].

Causality [HLL18b]. Cavbase [KFKH14].

CAVER [PSK+16]. CCA [GFIW12].

cDNA [BDP11, BZ10, GK08, HC16, NU06, RGCB05, RV06, SBBW15, SYZ+13, TZY11].

CDS [SSS13a].

CEDER [WS12]. Cell [BMH+16, BR17, BU17, BCFC13].

CER [SSS16, CLZ+18, CAW+19, DCHW17, DABV17, FKLS07, GGH+13, GBTW16, HCA+10, JGBR15, KBND19, LHQ+18, NFM+12, PN17, TRKRC13, WWC18, XHY+18, YOGY11, YBGB10, ZZ18, ZWL11, ZWW17, GBTL14, MFS+15, WZ14, ZHL+14].

Cell-Cycle [BRF17]. Cell-Free [CLZ+18].

Cells [DADE+10, Gou06, HKT+18, SDA+06, BLR15, LOCMG14].

CellTracker [HKT+18]. Cellular
[AVD+12, HBRU13, KHP12].

Censored [CKWY12]. Census [DSZ+06]. Center [BO12]. Centers [KRMZ16].

Centrality [LLNW17, TWZP14]. Cervical [DZH16].

CFS [HLSR18]. CGH [CW09a, PS15].

Chain [GJY+14, KCZ+15, LTA13, LBL12b, MYP18, SMB12, Vis18, WZ13b, YXS16, GBLZ14, LTA13].

Chain-RNA [LTA13].

Challenge [gCLL+10, CLM10, LSL10].

Change [CW09a, LHWL15, SKK14].

Changes [ATA+17, RB16]. Channel
[BMH+16, BNT17, GBS11, JLW17, WBP+12].

Channels [KL1c]. Chaos
[CTY14, MEOL14]. Characteristic
[WLG+16, WLA+13]. Characteristics
[KSN+12]. Characterization
[BM12, DRS12, HEF17, LSF+11, RSP08]. Characterize [NH+17], Characterizing
[TDK13a, LKLB14]. Characteristics [BFK17].
checker [EES14]. Checking
[BBK+12, BCFCC13, RdMCBC13].
Chemical [HLM+13, MS11, NSNA19, SCCDK09, YSC13]. Cheminformatic
[RBdVMPG16]. Cheminformatics
[SHJL10]. Chemotaxis [iAOSS16]. Chief
[Ano08c, Ano12b, Xu13, Xu14a, Xu15, Zha17]. Child [CRV09, FS18]. China
[FJJ18]. Chip [LHH13, LHH13, ZGDH16].
ChIP-Chip [LHH13]. ChIP-Seq
[ZGDH16]. chirality [MIZ+16]. Chordial
[GG11]. Chou [NLLG12]. Chromatin
[LW18]. Chromosome [LW18].
Chromosome-Wide [LW18].
Chromosomes [BWS05, FM13]. Chronic
[HEE+18]. Circuit [JZS+18, Kar12b, CL14].
Circuits [BNB18, CL15, ZLH12]. Circular
[BRF17, CZJ17, GBD17, HCMB18, MPKvH09, PB12b]. cis
[AJYT+15, GGZZ14, YMT+14].
cis-regulatory [GGZZ14]. cis-trans
[YMT+14]. CISA [WL07]. Citation
[KAHK+10]. Class [DPS+13, HYW+17, LXF+16, Mat07, MCHT17, PI09, SYZ+13, SYKM17, SSF18, YLF+12, ZOZ10].
Class-Imbalance [SYKM17].
Class-Information-Based [LXF+16].
ClassAMP [JKN+12]. Classes
[BWC17, DKS+15]. Classical [VMZM17].
Classification
[AV12, ACWW05, ACWW07, BWC17, BLP+12, BWS05, BHHMCL16, Bon07, CLZ+18, CDKT09, CSS11, Dal16, DZA+06, DPA+17, ED15, FWA10, GMSD11, GAR+09, HF12, ISK18, JK+12, KBND18, KBND19, KAHK+10, KK12, Kuk13, LYK07, LH10, LN13, IWT+18, MNR09, OLZ11, OGI11, Ozy12, PTH+18, dSRC11, SSS+11, ST05, SHJL10, SSF18, WCX07, WZJH12, WDS+12, WLA+13, XHQ+18, XZC07, XAW07, YLXJ04, YRD+13, ZLZ06, ZHSS07, ZwaGC17, ZYW17, ZZN+11a, ZCWW19, ZBFK10, ED14, GRD14, LXZ+15, MBS15, RHK14, YRD+14a]. Classifier
[AV17, BDP11, GZR+18, HBH12, HC16, IY12, PI09, SSP+17, SMB15, WGX+17].
Classifiers [DPS+13, FFT16, LW13a, NLGG12, QBPEL12, WB17, YOK09].
Classifying [AC12, CSSS16, CR14, LRM08, SLX+18, YN14]. Climbing [RV06].
Clinical [BDP11, CKWY12, HXXJ18, HYC12, LTRW19, MLZ18, MCHT17].
cliques [ZZ15]. Clock [BZ07, CL15]. Clone
[Kur13]. Closed [PPM+13]. Closed-Loop
[PPM+13]. Closely [MYC12]. Closest
[CW11]. Cloud [LFF18, VPB15, WLC+15].
Clouds [FGKH11, Qiu14]. Clust [PCDP18].
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ClusterViz [WZC+15]. CMSB [BLP18].
CMStalker [LMPT15]. Co
[DZH16, GZFT15, GDM18, MWLS18,
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Feature [AWW18, AMHH16, BM17, DPA+13, DPA+17, GZG17, GCB+18, HZZY16, HLL+18a, HBC+11, HDS+18, KCD+12, LTM+12, LHLY11, LJL+15, LPH+13, MCT17, NO09, PGHT12, PBH+11, SLX+18, SIM12, SZLL11, TZ16, TRK13C3, WZAO7, YSC13, YMI11, YXS16, YHI13, ZWSX12, ZLPW16, ZWSY17, ZCHM+10, ZCM19, ZCWM19, BLC15, GMCB14, HRHP16, LQZ214, WFD15].

Featured [CLW13]. Features [AD12, BYZ+18, BS10a, CHW+18, FLW12, HC17, HLZ+17, KTM15, KA+10, LLX+16, WQC+16, VF09, WB11, ZZCY10, ZKW19, ZZDY13, DPA+14, GJSV14].

Federated [SAM+19]. Feedback [BSV10].

Few [TGP+15, WCX07].

FHAST [FVLN15]. fibers [SXL+14]. Fibrosis
functionality
[WL14]. Functionally
[MP13, PB19, SFH14]. Functions
[AM12, DM09, MPM11, PLCW17, RMV12, Tah18, WP08, AM15]. Fusarium
[KZW18]. Fusing
[NLGG12]. Fusion
[JXN16, KZ10, QWC16, YM11, ZHJ17]. Fuzzy
[AGAS18, AFAAW11, BMZM15, JXN16, LHKL17, MP13, NPD17, NNM12a, PKM06, SY09, SKD07, SBM15, TNQ08, YCY13, GRDV14, HC14a, YCY15]. Fuzzy-Adaptive-Subspace-Iteration-Based
[SY09].

G [LBQ13]. GA [MWSM12]. Gabor
[CCZC08]. Gabor-Wavelet
[CCZC08]. Gain [AC12]. Galled
[CLRV11, Son06]. Galled-Tree
[Son06]. Game
[LQV13, MEOL14]. Game-Theory
[LQV13]. Gap [LNR09]. Gapped
[CWC04, WS08]. Gaps
[GGP08]. Gate
[Kar12b]. Gating
[JLW17, Qiu14]. Gaussian
[NFM12, YBG010, ZC11]. GBM
[PL17]. GBM-Related
[PL17]. GC
[RKDR10, TSM14]. GC-content
[TSM14].

GECC [RHK14]. gEFM
[UAM16]. Gelsius
[AADF13]. Gender
[YCZ18]. Gene
[AJL12, AMGC16, AKN07, AOSN18, ADR18, AW018, AKV16, AMHH16, ABS17, ACWW05, ACWW07, APPG18, BM17, BE08, BEW09, BS11, BGS12, BDP11, BHMA06, BCL13a, BA18, Bon07, BLR08, CDB16, CDW12, Che10, CM16, CPM18, CWZ08, DLT10, DGH06, DRS12, DZH16, DCHW17, DKDD10, DHC12, DBK18, EAS13, ED15, FLAM15, GZG17, GMSD11, GDM18, GE15, GE18, GSC17, GHL05, HL16, HYW17, HBB12, HXXJ18, HHYH07, HMK14, HLY16, HC16, HC07, HF12, HTLL12, INT11, IGM07, IQA18, IL18, JCF13, JZS18, KBNHD18, KBN19, KSN12, KN05, KP12, KG12, KCC15, KCP18, KBB1, KK12, LCEMO18, LEAK11, LTM12, LTM13, LBM18, LRM08, LH10, LJK12, LLHF15, LCZN16, LW17, LDM18, LB19, LZH18, LJL14, LNC05, LHDS18, LW19b, LLL15, LLA19, LHY11, LCC11, LTRW19, MNR09, MTSC10, MT11, MZL15]. Gene
[MP11, MDD18, MBB11, MS18, NR09, NPK07, NJ07, NSNN12, PGHT12, PI09, PCDP18, PG06, PAAG07, PKM06, QD12, RM13, RC11, RdICG09, RMV12, RRTB12, RWH09, RMS15, SGS11, SCS09, SMRP15, SSB05, ST006, SIM12, SDCW11, SV16, SPA17, SKD07, SW09, SGK12, TIA11, TAAP11, TZH07, TGG10, TML11, TK05, TWZW16, UC10, UKV18, VNM11, VRK12, VRJ10, VF09, WCA07, WLL09, WL11, WKLL12, WL16, WLCX18, WRH09, WP08, WWC18, XHQ18, XAW07, XOYH18, YLXJ04, YNBM05, YHI12, YLY07, YXC12, YC06, YD14, JR14, JC15, MRL07, PAM14, PM14, ZC11, ZK11, ZSL18, ZSL18, ZS18, ZAC09, ZWY10, dCARR11, vBdRD11, BM14, CWZ15, CM15, DYD15, DR14, FN14, HZST14, JR14, JC15, LHZ15, LLH14, MM14a, MM14b, PJJ14, RHK14, RRH16, WLY14, WDX15, XLC15, YCY14, ZZ14].

Gene-Duplication
[BE08, BEW09, BS11]. gene-environment
[LLH14]. Gene-Expression
[UKV18]. Gene-Phenotype
[UKV18]. Gene-Species
[MSG18]. Gene-Team
[WKLL12]. Gene-to-Class
[HYW17]. Gene-to-Cell
[GH05, LNC05]. Gene/Protein
[ED15]. Genecast
[GTTR17]. GeneChip
[LAM11]. GeneChips
[LUdSCH10]. GeneNetFinder2
[HL16]. GeneOnEarth
[TSM14]. General
[SC11, WKLL12, Wan12, YP13].
generalizable \cite{TAL+15}. Generalizations \cite{CLRV09a}. Generalized \cite{BSLR05, HHSC13, JMA17, ZACS09, ZAZ11, FN14}.

Generate \cite{YLCC13}. Generated \cite{ZZZ18}.

Generating \cite{PCG05}. Generation \cite{BBN18, FS13, KCD+12, AKD17, LHLY11, PNP+18, WPL15, YSC13, YWW+18, CWLZ14, KD16}.

Generative \cite{ZDL12, ZZDW13}.

Generators \cite{ZWZ16}.

Genetics \cite{AAF+13, AAP06, BRF17, CZF+05, CHN+18, DZH16, EAS12, EFLA08, FFT16, HAH13, KCP18, LFK16, LTM+13, LLX+11, LXG+16, LWG+18, MP13, MS17, MMH15, PWT10, PL17, SSS+11, SBW15, SRM18, SFTK19, TZY11, WSI12, WCX07, WGP11, XPH12, ZLLZ17, ZZO10, CBN15, DI15, KSM14, KKC+14, LWM14, MFS+15, SKK14, Tah14, WFD15}.

GENESHIFT \cite{LTM+13}.

Genetic \cite{AGAS18, BMK11, Bvsk+11, CSW11, CL15, CAN+08, DSHM08, FZWS17, GZFT15, Gso11, GJZH17, HCLS11, JSA08, JSS+18, JZS+18, KN05, LL11, LLZC12, LWZ12, MTNH17, MIC+07, MDH11, MWSM12, MVW+13, OMDG+12, PB12a, PI09, RKDK11, Tho16, TSMG+13, TED+12, TBR13, VMZN17, VKS17, VBGT+18, WLC11, XWF07, YCVC12, YLLC13, YAB13, ZLH12, ZZW16, ZSD08, dJP08, ADTAQ16, CL14, HRHP16, PV16, RHH16, TYL+16, WLY15, ZWC15}.

Genetics \cite{SLH06}. Genome \cite{AP07, AJM18, BGS+12, BMM06, CZF+05, CHN+18, DGV+17, DWBS11, FLW12, FM13, FS13, GZFT15, GSK13, GJZH17, GZC+17, HKS11, HWS+18, HB19, Kim18, LN17, LW19a, MSS+13a, MPA15, NP+07, PIP18, PS11, RZMC17, STA15, SSS13b, TGLP16, TIA+11, TGP+15, Val11, VTG16, WYY+13, WHZ14, XHY+18, ZZCY10, ZS18, ZAZ11, ESW14, LHS16, SVM14, TYL+16, WLC+15}.

Genome-Guided \cite{FS13, TGP+15}.

Genome-Scale

\cite{DWSB11, GJZH17, MPA15}.

Genome-Wide \cite{BG5+12, DG5+17, FLW12, GZC+17, LW19a, NP5+07, PIP18, TIA+11, Val11, VTG16, WYY+13, ZZCY10, ZAZ11, WHZ14, TYL+16}.

Genomes \cite{BCF+07, HCM18, MS10, NLH17, QLXL0, QTZ15, XZG15, YBGB0, ZHEB05, BS15, CA14, RB14}.

GenomeTools \cite{SK13}.

Genomic \cite{BBH+18, BKLS18, CKM+17, CHL+12, CHW+18, CBZ18, DHCW18, DM1+18, DTB09, FM12, FLM+16, GR5+13, HYC12, HCUQ14, KPK+17, MLW+12, MCC16, OLS+13, PHX+08, PG18, PWT10, RCP+18, RH05, WMWA12, dSMB17, GMCB14, SSKH15, XWL15, ZMP+14}.

Genomic-range \cite{SKK15}.

Genomics \cite{KNS+05, PR18, RCM+19, YNY+18}.

GenoPri'16 \cite{AJM18}.

Genotype \cite{DBTB09, FM12, FLM12, FLM12}.

Genotypic \cite{HXXJ18}.

Genotyping \cite{Che16, QBPE12, YCYC12}.

GENeSIPS \cite{HCQ14}.

Geodesic \cite{BP+11, OP11}.

Geodesics \cite{Nye14}.

Geometric \cite{DM09, FSDR16, BCLC15}.

Geometry \cite{LLES18}.

GeRNA Mo \cite{MIC+07}.

GEV D \cite{TDD14}.

Gillespie \cite{BU17}.

Given \cite{WMS09}.

GIW \cite{ESW14, Kim18, STA15}.

GIW/InCoB \cite{Kim18}.

GIW/ISCB \cite{STA15}.

GIW/ISCB-Asia \cite{STA15}.

GLBIO \cite{MJ18}.

Glioblastoma \cite{CHW+18, ZLPW16}.

Global \cite{ARP+16, DBN18, ECK16, FZM15, GPMH16, HSS18, HOS+12a, HOS+12b, HGM18, Tsa12, WQY18, ZKW19, ZYF+18, XMX+16}.

Globally \cite{ZW16}.

Globe \cite{TSMMG+13}.

GLProbs \cite{YCW+15}.

Glucose \cite{RTA+16}.

Glucose-Binding \cite{RTA+16}.

Glutamate \cite{KAL+17}.

Glycan \cite{BKRL11, DSt+15}.

Glycans \cite{KSS+15}.

Glycogenolysis \cite{PP+13}.

Glycolysis \cite{PP+13}.

GMM \cite{ZYW17}.

GO \cite{CX15, LBM+18, SS+05, SL5+14, YKWK18, YFW18}.

GP \cite{BG5+18}.

GPCR \cite{WLW+17}.

GPCRs
[CSS11]. **GPD** [SHJL10]. **GPU** [BBH12, CMSE15, GDWK+15, LFF18, LHG+16, NSZK15, WWC18, ZWcF17]. **GPU-Accelerated** [GDWK+15]. **GPU-Based** [LFF18, NSZK15]. **GPU-Oriented** [LHG+16, NSZK15]. **GPUDePiCt** [CFIS+15]. **GPUs** [TED12, MMH15]. **Gradient** [HOS+12a, HOS+12b, HC07, IGM+07]. **Gradient-Based** [HOS+12a, HOS+12b, HC07, IGM+07]. **Gradient-Oriented** [LHG+16]. **Grad** [CFIS+15]. **Gradients** [SHS15]. **Grammar** [RAA10]. **Grammatical** [RAA10]. **Grammars** [LZGZ14]. **Granger** [HLL18b]. **Graph** [AFJ12, BB04, BRS18, BDP11, BMHS13, CHK17, DBK18, EZW+17, GLW12, Gnu11, GG11, HC18, JHL16, KPK+17, LHQ+18, MKH11, Roc11, RSJK13, SJLL10, UAHI16, VKM07, WLH+16, WHKK07, XWC15, YFWZ18, ZACS09, ZZY+13a, DKS+15, JHXP15, KFHK14, ARZ+14, ZWL+14]. **graph-based** [DKS+15, KFHK14]. **Graph-Theoretical** [BCL13b, CHK17]. **Graphical** [HLDZ17, TRBK08, TRBK09, WQY18]. **Graphs** [AP07, BSV10, DH04, LFS06, NLHL17, NSSA19, PFG18, SVM14, ZHL+14]. **GRASP** [dDD18]. **GRASP-Based** [dDD18]. **Gray** [ALR+13]. **Gray-Scale** [ALR+13]. **Great** [MJ18]. **Green** [BdOS+18]. **Gridding** [RV06, SYZ+13]. **GRO** [AALD17]. **GRO-Seq** [AALD17]. **Group** [APRS11, GCB+18, IMA13, LDM18]. **Group-Based** [APRS11]. **Group-Wise** [GCB+18]. **Grouped** [LDM18]. **Grouping** [ACWW05, ACWW07, GSX+18, MP13, TDY+18]. **Groups** [LW10]. **Growing** [BdOS+18, HAH13]. **Growth** [DST15a, KHP12, TRKRC13]. **GSEH** [KCP18]. **GSGS** [AJD+12]. **Guaranteed** [HYZ16]. **Guarantees** [BM13]. **Guest** [BLP18, BPW17, CEG14, Che12, CN12, Che13, ESW14, FJJ18, GM16, HMZ17, HC15, HBG16, HBG17, HBG18, KS13, KJ04, KJ05, LW15, MNA14, Mur18, PR14, STHA15, TH18, WYWX16, WLWN17, WLC18, WH11, XHS15, YSC19, YM17, ZC15, ZC14, dSK13, MKKAR16, AS15, BPRZ11, C606, Cas07, Ca17, CZ12, FS12, FS13a, GH08b, LNY05b, LNY05a, MPZ07, MPZ08, MNSZ09, MWZ13, MNZP10, RZF07]. **Guidance** [GSX+18, MSS13b]. **Guided** [FS13b, MPS18, SLX+18, TGP+15, ZZY+17]. **Guidelines** [HLY+16]. **Guiding** [HZZY16]. **gwAs** [SAM+19, BDD18, GDWK+15, MWSM12]. **H1N1** [BPJ12]. **H3K4me2** [MMH15]. **Hadamard** [HS08]. **Halving** [AP07]. **Hamiltonian** [GFS13]. **Hamming** [TSM14]. **Handcrafted** [SDN+11]. **HapBoost** [WYY+13]. **Haplotyping** [BH06, FHH+11, GKS11, ICL11, PBJ12, TGLP16, TBGL10, WYY+13, XYYC13, PRZ+14, PV16]. **Hard** [LZG+17, Roc06]. **Hardness** [BO12, JNST09, RCM+19, LV14]. **Hardware** [DSVMM18, FVLN15, AKD17, LSW11, ZLS+15]. **Harris** [SSD16]. **Hash** [ZYL+12, HC14a]. **HDS** [CMS12]. **Head** [NPD+17]. **Health** [LKYY+11, SGR+17]. **Healthcare** [SJZ19, SGR+17, WLWN17]. **Heart** [LKYY+11, BCMW15]. **Health** [CRP12]. **Heavy** [NVSH18]. **Heavy-Tailed** [NVSH18]. **Helix** [MRB12]. **Heme** [ZCG+18]. **HEMEdsPred** [ZCG+18]. **Hepatitis** [HEE+18, LLW+11]. **Hepatocellular** [YSW+17]. **Herbal** [SYKS15]. **herpesvirus** [RB14]. **Heterocomplexes** [CWL12]. **Heterogeneity** [CWL12].
Heterogeneous [CKM+17, Jam17, JGGR15, LZHZ17, LBL+10, Mat15, NTR16, PL17, WLC+15, XW16, ZYF+18, XLWL15].

Heterozygosity [CLH13, HeteSim [ZLLZ17]. Heuristic [CH11, GGP08, HT09, HLH11, JNST09, PWT10, TBGL10, TDA+09, XYYC13, dD18, GM14, IM14].

Heuristics [AOSN+18, BB08, HOS+12a, HOS+12b, Ni07]. Hexagon [LBL12b].

Hidden [Gou06, cLWA07, PAS+11, SPWF14].

Hierarchical
[FFT16, GLG10, Kar12a, Mah10, PJJN+14, TNN08, Val11, WAZ07, WLP11, YP13, ZLW+11, ZBFK10, LLC+15, WFD15].

High [AS05, BGS+12, BRF12, CNM11, Che10, DPW12, GGP08, HFO7, How13, HDS+18, Kur13, LDS+07, LN13, LCZ16, LW18, LJL+15, LGH+16, Maz12, MC07, MDM13, SYKM17, YP13, ZZH18a, ZKL18, dSMDB17, DWZ+15, GCC+14, LHVL15, Qiu14, WLG+14, XZY+14, YN14].

High-Dimensional [Che10, HDS+18, LN13, Qiu14, YN14].

High-Order [LCZ16, DWZ+15].

High-Performance [BGS+12].

High-quality [WLG+14].

High-Resolution [DPW12].

High-Throughput [HF07, How13, Kur13, LW18, LJL+15, MDM13, YP13, ZZH18a, GCC+14].

Higher [MGK17, ZLZ17].

Higher-Order [MGK17].

Highly [GMP08, SSS+11, WL13a, HKLN14, SQZ14].

Hilbert [GZG17, LKY+11].

Hill [RV06, KG12].

Hill-Climbing [RV06].

Hinge [FMD18, Sh10].

Histories [DR16, Ros13].

History [BB04, CW09b, LCWZ13, MKS+17, TBS11].

HIV [AFAAW+11, KS18, LSMF08, MMB+13, NTC007, PRZ+14, RB16, RM18, SYK15, Vis18].

HIV-1 [AFAAW+11, RB16, SYK15, Vis18, LSMF08]. HIV-1-Human [MMB+13].

HLA [IDD13].

HLA-DP1 [IDD13].

HMM [SB09].

hMuLab [WGX+17].

Holmes [WYH17].

Homeostasis [MFS+15].

Homo [LUDSCH10].

Homogeneous
[MT12a, ZMT13, ZMT14].

Homologous
[QTZ15].

Homologues [LDS+07].

Homology
[Bro05, LCGW19, LGB15, LCB17, MPM11, Zha07, CWDS15, DGR15].

Homomorphic [RCP+18].

Homomorphisms [Wil12].

Honeycomb
[LGQ+18].

Horizontal [MSG18].

Hospital
[WCC+18].

Hot [LZ18b, SP11].

Hough
[TZY11].

Housekeeping [SBW15].

Hub
[DZH16].

Human
[BMT17, BWS05, CHN+18, CD08, DKDD10, FLW12, GAR+09, GBTW16, HLG10, MMB+13, RLRH18, RTA+16, SKD+07, TBR11, XP12, YCZ+18, ZCY10, Zha18, GJP14, GTB14, LP15, WLG+14].

Human-Readable [HLG10].

Hybrid
[BU17, BHHMCL16, CNM11, CKWY12, GRDV14, HJH+19, KHP12, KN05, LLX+16, PAL+12, WGX+17, YCY+13, YFW18, ZWL+12, SAMP+19, BM14, GÁVRRL15, SDAA+14, XXM+16].

Hybridization
[BS07, CH11, HKS11, LS09, PK13, Pre04, MW16].

Hydrophobic
[CDKT09].

Hyper
[PHT+18].

Hyper/Hypocalcemia
[PHT+18].

Hypergeometric [KP13].

Hypergraph
[LCW+18].

Hypergraphs
[RPB+13, RAM17].

Hypocalcemia
[PHT+18].

Hypothesis
[BZ07].

I/O [HPH+15].

i2b2 [RCP+18].

IAS
[YKWK18].

ICD [HXXJ18].

ICGA
[SSS+11].

ICGA-PSO-ELM
[SSS+11].

ICIC
[HBG16, HBG17, HBG18].

ID
[Jam15].

Identifiability
[AR09, APRS11, Wig15].

Identification
[ALQ17, AGGM11, CWZW15, CFS06, CDW12, CMQ+16, DMD13, DABV17, EAS12, FJJ11, GJ+06, HYY11, HCY18, HYYH07, HC13, JXN+16, JRN+18, KCCO15, KSK+18, LLNW17, LZ18a, LTT10, LMZL17, MRB12, MTC010, MS17,
Identify
[HHSC13, LXR16, LHC18, MMH14, NHH17, TWZW16, KKC14, SQZA14].

Identifying
[BR18, CSS15, CZW18, DCHW17, DKS15, GGZ14, HXX18, IMA13, KSN12, LW18, LP15, LWG18, MSQ18, MM14b, NLGG12, PL17, PN17, QLZ16, RZK16, SDN11, SBW15, UWL15, XOYHZ18, YAB13, YNYC07, ZZD13, ZDYH17, MMM14, LLW15, PWC15].

Identity
[NGY16].

IEEE
[HCQ14, Ano12b, Ano13e, Gus04b, Tit16].

IEEE/ACM
[Ano12b, Gus04b, Tit16].

IEF
[KRB17].

IEF-LC/MS
[KRB17].

IEEE-LC
[KRB17].

II
[CLR10b, EMD11, FLW14, K105, Zha11].

II.5
[Ano09c, gCLL11, CLM10, LS10, LMK10, RSK10].

ILP
[HWS18, KH14, WHBM15].

ILP/SMT
[KH14].

ILP/SMT-based
[KH14].

Image
[LYK07, MCD11, MCRC17, NU06, XZG15, YC18].

Image-Based
[MCD11].

Images
[ALR13, BRZ17, BDOS18, DDS17, RV06, SYZ13, SLX18, SSD16, SSF18, BLR15].

Imaging
[BMT17, BWR12, DHC18, IGA18, TWZ14].

Imbalance
[SKYM17].

Imbalanced
[BDD18, LYK07, OLZ11, YN14].

Imbedded
[ZC11].

IMM
[LH18].

Immunological
[ZWI12].

Immunological
[GA18].

Impact
[KAL17, LNR09, SWH12, WLM11, MFS15].

Impairment
[ZWS18].

Implement
[Gon13].

Implementation
[BKLS18, HG16, LZ18a, CFIS15, ZLS15].

Implications
[QV17].

Importance
[FVA10, MMS10].

Improve
[Bon07, MFF18, PSN15, XLL18, ZLPW16].

Improved
[BN06, CWC04, CW09b, Che16, GH08a, GCC18, HL16, HPL13, HDS18, HLH11, ISK18, LWL18, LZ18b, LJJ13, LHK17, Pol13, RAA10, SFMS18, Tan14, TDY18, WL11, WLG14, YLCC13, ZCR17, SB16, YN14, ZWC15].

Improvement
[TW10].

Inapproximability
[BJ13].

Include
[FM13].

Including
[WHS04].

InCoB
[Kim18].

Incompatible
[TM11, Wil09].

Incomplete
[ED15, KBND19, MR10, PVB12, SM08, ZAZ11, YRD14, Z14].

Inconsistent
[JS18].

Incorporating
[BRZ17, HLY16, WP08, YPS11, ZD12, WLG14].

Incorporation
[ED14, GCC18].

Increase
[TC13].

Indel
[dSMB17].

Indels
[BS15].

Independence
[GZG17].

Independent
[DSHM08, FLAM15, SDCW11, PS15].

Index
[Ano04a, Ano05a, Ano06b, Ano08a, Ano09b, Ano10b, BG13, EMK18, Tit13, Tit16, XTL12a, FN14, CMSE15].

Index-Based
[EMK18].

Indexed
[dAC17].

Indexing
[SVM14].

Indicator
[CPM18].

Indices
[WLA13].

Indirect
[ASJ07].

Indispensable
[Zha18].

Individual
[GGP08, MZ17, VF09, XWC15, BLR15].

Individuals
[BZ08, MYCW12].

Induced
[SDDN12, TP18, WQY18, GCC14, SSML15, WLY15].

Inducing
[MMSH14].

Inequalities
[Mat09].

Inequality
[ZWC15].

Infer
[CLH15, QTZ15, SV16, VBB18, ZS18].

Inference
[ADR18, ABS17, BDS12, BGHM09, BH06, CAN18, DMJ18, EAS13, FHH11, GZFT15, GZC17, GHL05, HL16, HLY16, HLY17, IFN12, LFS16, LH16, IFC18, QGC14, SQ14, YL15, YLC15, ZC11].


Label [JM12, LJK+12, SLX+18, WMK17, WL13b, WYHD17, RTWR15, WHZ14, YRD+13, WGX+17]. label-free [RTWR15]. Labeled [FGKH11, KSM14]. Labeling [BMT17, MGS17, PH10a]. labelled [LV14]. Labels [MRK18]. Laboratory [LPH+13].
lagged \[\text{GM14}\]. Lagrangian \[\text{AKR12}\]. Lakes \[\text{MJ18}\]. Lamarckian \[\text{ORC13}\]. Landmark \[\text{MCRC17}\]. Landscape \[\text{RJNN18}\]. Landscapes \[\text{SDS18}\]. Langevin \[\text{SCCDK09}\]. Language \[\text{WCMZ15, ZDL}\]. Laplace \[\text{WDS12}\]. Laplacian \[\text{BM12, JHX17, LJJ14, NO09, WLZ19, WZ13a, YZW17}\]. Lapse \[\text{DST15a}\]. Large \[\text{BBH18, DADF+10, GKS18, GXS18, GLG10, GLH05, HAK+12, JGBR15, JLYZ16, KBSC21, LFK16, MPQY19, OWX09, OC13, PAS11, PG06, PR12, QBPEL12, TBP17, TBR513, WDL+17, YB08, ZLY+13, ZZH18b, IM14, Mat15, SHK14, YHV+15, WWC18}\]. Large-Scale \[\text{BBH18, GLH05, HAK+12, JLYZ16, OC13, TBR513, IM14, SHK14}\]. Lasso \[\text{GLH05, LDM18, FYSM12}\]. LateBiclustering \[\text{GM14}\]. Latent \[\text{GMCB14, JZL13, LLA19, Mam05, RGGC05}\]. Lateral \[\text{CDW12, MVW+13, THL11, ZWL+12}\]. Lattice \[\text{DCVC11, GZS12, JMA17}\]. Lattices \[\text{DABV17}\]. Law \[\text{LWM14}\]. Laws \[\text{HLZ13}\]. Layer \[\text{WX16}\]. Layered \[\text{WLX18, KKC+14}\]. Layout \[\text{GH08a}\]. LC \[\text{BBTR11, RTWR15, TTWR13}\]. LC-MS \[\text{BBTR11, TTWR13}\]. \[\text{KBBD17}\]. Leakage \[\text{AGAS18}\]. Leaping \[\text{HDS18}\]. Learn \[\text{KMG+05, WB17}\]. Learned \[\text{MRK18, SPWF14}\]. Learning \[\text{AV12, AM12, BMK11, BLR08, gCLL+10, CHZ16, Chel01, CGW+16, Che16, CZW+18, DK17, DG05, DZ11, FSMJ15, GAR+09, HHSC13, HEE+18, HLRS18, HYZ21, HF12, HTL12, IYA12, JM12, JHZL19, Kar12a, KKO8, KSS15, LJK+12, LCZN16, LYL+17, LHZ18, LNY05b, LNY05a, LTL+07, LDL+17, Man05, MFF+18, NHTD17, NFM+12, OLZ11, PTH+18, PH10b, PAAG07, SFMS18, SDN+11, TNP08, TAA11, TBR513, VKS17, WMK17, WL13b, WHXS17, WCC+18, WCXL18, XPXY11, XLL+18, YXS16, ZHSS07, ZLPW16, ZZH18a, ZCG+18, AJYT+15, AM15, BCLC15, CR14, GJPS14, GAVRRL15, LLCZ15, SLW15, SEC15, SFH+14, WHZ14, YN14}\]. learning-to-rank \[\text{SFH+14}\]. Least \[\text{FYSM12, LN13, WWC18, MBS15}\]. Least-Squares \[\text{LN13}\]. Leishmania \[\text{SSP+17}\]. Length \[\text{HYW08, LPH18, RW07, SSS13a, dD12, MM14b, SSKH15}\]. Length-Weighted \[\text{dD12}\]. lengths \[\text{FWY+15}\]. Level \[\text{AS05, AV12, BU17, HvIKS11, LB19, MZSL19, WGK16, vKK+09, LH01, UKV18}\]. Level-1 \[\text{HvIKS11}\]. Level-2 \[\text{vIKK+09}\]. Leveraging \[\text{AKLJ17}\]. LGH \[\text{XWC15}\]. Liability \[\text{QBPEL12}\]. libraries \[\text{HPH+15}\]. Library \[\text{GSK13, UJ09}\]. Life \[\text{IM14}\]. Ligand \[\text{AM12, CHZ16, GLW12, HF07, STH+14, WLL13, ZCG+18, AM15}\]. Ligand-Binding \[\text{CHZ16}\]. Ligand-K* \[\text{STT+14}\]. Ligand-Specific \[\text{ZCG+18}\]. light \[\text{GCC+14, VPB15}\]. light-induced \[\text{GCC+14}\]. light-weight \[\text{VPB15}\]. Like \[\text{DR16, FM11, GAR+09, HEF17, KG12, NSNA19, Ros13}\]. Likelihood \[\text{ACPR10, LCW13, MRS09, Roc06, Wu10, TDD14}\]. Limb \[\text{BMT17}\]. Limits \[\text{SLKG17}\]. Line \[\text{ZWL11}\]. Lineage \[\text{MR10, ZZ14}\]. Linear \[\text{BEW09, BFK17, CSSS16, CWG18, FM13, HS18, JNST09, LCC+11, MTSC01, NO09, OC13, PRU11, RBDJ11, SLB+08, UC10, WGX+17, WYH17, W15, WCL11, dJP08, BS15, KGK14}\]. Linear-Time \[\text{JNST09, LCC+11}\]. Linearization \[\text{CC09}\]. lines \[\text{MFS+15}\]. Linkage \[\text{LLC+13, XWC15, Jam15}\]. Linked \[\text{WRH+09}\]. Lipid \[\text{HBRU13}\]. List \[\text{Ano06a, Ano08b, Ano09a, Ano10a, Ano13a, KL11b, RSJK13, IEE05, IEE07, XTL12b, Ano16}\]. List-Colored \[\text{RSJK13}\]. Literature \[\text{AAF+13, CLH+15, HW07, LHL11, LNC+05, Ozy12, XTL12c, ADTAQ16, TAL+15}\]. Literature-Based \[\text{AAF+13}\]. Literature-Oriented \[\text{CLH+15}\]. Little \[\text{RRT12}\]. Live \[\text{TRKRC13}\]. Live-Cell
Liver [HEE+18, OG11].
LMMO [ZZH18b]. LMMSE [GH15]. LNA [BM12]. IncRNA [ZS18].

IncRNA-Environmental [ZS18]. load [ZYW17]. Local [AH11, ABH+14, AW18, ARP+16, BEW09, BG05, CBFB12, FL18, HT09, HB11, LZ18b, LHQ+18, MGK08, MB16, Nl07, QL16, SS04, TDA+09, Wu11, YAB13, ZDYH17, D115, MG14, PSK+15].

Local-Nearest-Neighbors-Based [AWW18]. Locality [LJL+14]. Localization [KAL+17, hLMBJ11, MGK08, OM07, QWC+16, SP11, TR07, WMK17, YL12].


Long-Run [QD12]. Longest [BVD+07, RW07, NYOL15]. Longevity [WFD15]. Loop [PPM+13, Str11]. Loops [YDM+08]. Loss [CLH13, HZ+19, HCM18, HCB+11, KB17, LHDS18].

Loss-of-Function [LHDS18]. Losses [CDW12]. Lossless [KRR05]. Low [CDB+16, GGP08, HCLSN11, LCW+18, NPBD16, WLZ+19, XHQ+18, YZG+17].

Low-Rank [CDB+16, WLZ+19, XHQ+18, YZG+17]. Low-Resolution [HCLSN11]. Lower [BB04, BMT17]. LR [SDTK19]. LTRs [AD12].

Luminal [JLW17]. Lung [MWZY17, WQY18]. Lymphoma [WWC18]. Lymphomas [SKD+07].

Machine [AV12, AM12, gCLL+10, Che10, DZ11, GAR+09, HEE+18, KSS15, LLX+16, LNY05b, LNY05a, MRK18, MFF+18, RTA+16, SDN+11, SZLL11, VKS17, WLL13, ZHSS07, AM15, EES14, SLW15].


Macromolecules [PSK+16]. MAFFT [ZLS+15]. Magnetotactic [MLZ17].


Manipulating [SBT11]. Many [BG13, GGP08, SRM18]. Map [BCL13b, CGPW06, Gra04, MTNH17, KD15, ABS17].

Map-Reduce [MTNH17]. Mapping [DGH+06, DSHM08, MTM+15, NPK+07, NTR16, RZMC17, SDS18, ST006, TC16, YLXS17, YZG+17, CWLZ14, Jam15]. Maps [AB17, CBES11, JS12, MRB12, VMD+08, WZA07, WCL11, ZZS07, HC14a, SDA+14]. Margin [ZZH18b].

Marginalization [SN12]. Marker [DGH+06]. Markers [HCA+10, SSS13b, MM14b]. Markov [BBH12, DGRC15, Gou06, GJY+14, JS12, KKC+15, KL11c, clWA07, MG14, MPY18, RH05, RC11, SMB12, SPWF14, TM11, VF09, Vis18].

Markov-Blanket-Based [RC11]. Mass [ASI+11, BM08, BKR11, DABV17, HY11, KSS15, LC18a, OG11, PH10a, SN12, YMW10, ZGC+05, ZLW+11, ZGB+12, dAc17, CWZ15, D17+15, KG+14, SHK14]. Mass-Spring [DABV17].


[DFM+11, EZW+17, JLwC11, JHX17, LW17, LGW+18, LCGW19, RM18, WLG+16, ZWZ16, ZZN+11b, LYH+16]. Matt [DKCM12]. Max
[FJJ11, LLC+13, LCZN16, SR06]. Max-Correlation [LLC+13].

[GRS+13, KVX12, WDL+17]. Maximally
[BV+13]. Maximization [MB16].

Maximize [LZZ+13]. Maximizing
[GE14, ZMT14]. Maximum
[ACP+10, BN06, BFK+17, CcwY12, Csu04, GRH08, GM09, GB10, HZ+19, LCWZ13, MRS09, Rcc06, SYZ+13, SLB+08, SCPS12, TDD14, CZWT15, HKLN14, SKH15].

Maximum-Parsimony [SLB+08].

Maximum-Score [Csu04]. MCMC
[MMS10]. MDA [YWW+19]. mDixon
[BMT17]. MDTE [WQL+16]. Mean
[DJ+11, WDS+12]. Means
[HLK17, SKE+07, TES+12, IM14].

Measure [BB11, BB12, HLL18b, KPW13, LTM+13, M+11, Pol+11, SGC07, SSD+16, SLS+14, SMK+12, BM14]. Measurement
[TRK+13, BCMW15]. Measurements
[BZ10, SVZ09, ZAZ11]. Measures
[AKB+07, BRS18, JCF13, LWT+18, PKM06, RbdVMPG16, SVdSS+18, CV14, HC14b, RB14, WSTL+15]. Measuring
[LKF16]. Mechanical
[ABD17, RSC18].

Mechanics [VMZ+17]. Mechanism
[ASJ+07]. Mechanisms
[QV17, ZS+13, KSA16]. Median
[BMM08, JAS08, UKV18]. mediated
[SSM15]. Medical
[BWRF12, IGA18, WNT+17, KSA16].

Medicine [Aol12a, SJZ19]. medicines
[CZB+16]. MEDLINE
[NSC17, WCMZ15].

Meets [LBQ+13]. Melanoma
[Mah10, RBP18]. Melting
[DPW12, ZL15]. Mem
[WMK16]. Mem-mEN
[WMK16].

Membership [SBM15]. Membrane
[LLX+16, NFM+12, SSP+17, WMK16]. Memetic
[CBF+18, GPM+16]. Memory
[CMSE+15, DBZ12, TR07, WCLY12, ZLH12].

mEN [WMK16]. mer [HCG+14, LMB+14].

Merging [LV+14, LLL16a]. MeRIP
[CZM+18]. MeRIP-Seq [CZM+18].

Message [Wil04b]. Meta
[ZZRP+19]. Meta-Path
[ZZRPZ+19]. Metabolic
[DMD+13, GJZ+17, LFS06, LCT+08, MGS17, QV+17, SBRK+11, SMK+12, TLA17, WWWW16, YW+07, vBD+11, SYV14].

Metabolism [ACC+13]. Metabolomics
[QV+17]. Metadata
[Wil04b]. 

Metagenomes
[LFK16, SWH+12]. Metagenomic
[JMA17, LKL17, QTZ15, LZGZ14].

Metaheuristic
[BVN+11]. Metaheuristics
[SGH+12]. Metal
[PLF12]. Metal-Binding
[PLF12]. Metasample
[ZZN+11a].

Metasample-Based
[ZZN+11a]. MeTDiff
[CZM+18]. Method
[AAG+18, BG05, BRZ+17, BLR08, BZ08, CCYW12, DZA+06, DBZ12, DWSB11, DHC12, GCB+18, GCL+18, HYW+17, HZZY16, HLL+18a, HC07, HGM18, JHL16, KTL15, LLLL12, LHG+16, LWZ12, LXG+16, LZZ+16, LKL17, LLL18, LGX10, MWWZ+17, MK16, NGY+16, PL17, PTH+18, RGI13, RLV04, SH11a, SZ11, SNC+16, SSFW12, TWG+12, TBR13, TK15, VGC16, WBP+12, WZJH12, WHWP12, WL+19, WKG16, YL13, ZSWX12, ZCR+17, ZYF+18, DMR15, DPL+14, GCC+14, GH15, IM14, KKC+14, KH14, LLL+15, LLL16a, LMC+15, PS15, SYV14, YTL15, YN14, ZSY+14, ZZ15].

methodological [BF14]. Methodology
[JCF13, KG15]. Methods
[AV17, ADR18, BLP18, CK+11, DLRW18, DPS+13, DPA+17, FS12, FS13a, FYS12, JDC+12, KSN+12, LN13, LLL+15, LPH+13, MBF+11, RG16, SMK+12, TV11, WNT+17, Wol09, Wu11, XLL+18, ZZRPZ19, DS14, SQZ14, SFH+14, WFD15].

Methylated
[HHSC+13]. Methylation
[CZM+18, DCHW17, ML18, SKD+07].
Metric [BS09, CLRV09a, CLRV09c, CAN+08, HEF17, HYZ16, LRM12, Nak10].

Metrics [CLRV09a, CLRV09b, HSISM11, Mos07, Metropolized [MMS10]. MHC [EMDH11, FLW+14]. MHC-II [EMDH11].

Microalgae [BdOS+18]. Microarray [ABVD12, BDP11, BZ10, BLP+12, BHMMCL16, BLR08, Che10, EAS12, EAS13, EFLA08, FJJ11, GKO8, HYW+17, HC16, IVA11, JCF13, KZ10, LTM+12, LTM+13, LH10, LPH+13, LTL+07, MP13, MC07, NU06, PSS09, RGCBO5, RV06, SVZ09, SBW15, SC11, SY09, SYZ+13, SIM12, ST05, TZH07, TZ16, TGGF10, TZY11, TC13, TBKH05, WGP11, WLWP16, WDS+12, WWC18, XZC07, YM11, YC08, YNWC07, YPS11, YHB12, ZLZ06, ZHS07, ZC11, BMM14, CZWT15, MM14b]. Microarrays [CD08, PBhL+11]. microbrial [JHXP15].

Microbiome [JHX17, ZHJ17]. microfluidic [AIS+16]. Microglia [DPA+17].

Microhomology [SSML15].

Microhomology-mediated [SSML15]. Micon [RA16]. MicroRNA [GZR+18, LWL+18, LZZH17, LLL16a, RPB18, SPMB13, WZ13a, YWN+19].

microRNA-Binding [WZ13a].

MicroRNA-Disease [LWL+18, LZZH17, YWN+19].


Min [LLC+13, LCZN16].

Min-Redundancy [LLC+13]. MinePhos [XTL12c]. Minimal [BNV+13, SMSZ17].

Minimization [Bvd2GK+11, GMP08].

Minimizing [Zha11].

Minimum-Flip [CEFBS06]. Mining [BNV+13, CLW13, CLC+17, HPL+13, HW07, JR14, JKLH16, LLW+11, LHL11, LNC+05, LWG+14, LC10, MMB+13, MC07, PR12, RMS15, ST06, TK05, WCMZ15, WLN17, XTL12c, ZW16, Zha16, KDL15, TAL+15, WSTL+15]. MINT [HRP16].

Minutes [LBL12a]. MiRNA [CLW13, CGW+16, LHC18, SMS18, SYKM17].

miRNAs [KTL15, LDL+17, QLZ16, ZZR19].


ML-Space [BU17]. MMIRFinder [SSML15]. Mobile [GTTR+17]. Modal [APP18]. Mode [SPA17]. Model [AVD+12, AGGM11, AGMP09, BBK+12, BLP+12, BA18, BCFCC13, CP13, CW09a, CW11, CGZ15, CAV+19, CGL12, CKW12, GXSZ17, GBS11, Gou06, GJZH17, GBB+11, HZ19, HYY11, HS08, HCLS11, IL18, JH12, JGR15, JLZ13, JLY16, JLW17, JHW+19, KCCZ15, Kari12b, KHIC12, LLX+11, LHQ+18, MT12b, MT12a, MBB+11, NA11, PNP+18, RAA10, RC11, RST10, RZMT15, RdMCBC13, RBJ11, SNC16, SCDDK09, SMS17, SHTK19, TRBK09, Tho16, TZY11, VSR+06, WCMZ15, WQY18, WKE11, Wig15, Wu10, WDS+12, XYYC13, YOGY11, ZMT13, ZMST18, ZDL12, ZZ18, ZB11, ZWY+10, ZZDW13, DK5+15, HLW15, JHXP15, LWM14, PRZ+14, RTWR15, WFD15, ZXY+14, ZMT14, ZWL+14b].

Model-Based [IL8, TZY11, ZWY+10].

Modeling [CLST+13, CHL+12, DBTB09, DAVB17, DAVB17, DAVB17, DAVB17].
modelled [YLH+15, ZSY+14]. Modelling
[AKV16, BMZM15, ZK16]. Models
[ATA+17, AR09, APRS11, ALWG18, AAe11, BTTR11, BHMA06, BU17, CNM11, CGPW06, Da16, EW04, FL18, FWA10, FKL07, GzSi11, GS12, HS09b, KC11, KL11c, LL11, cLWA07, LW13a, LLA19, MBP+18, MLZ18, NSNN12, PB12a, PG18, Pau18, SFB+08, Smit09, TIA+11, TRBK08, TBKH05, VSR+06, VF09, VB+18, XSS17, XWF07, ZWL+12, ZZ18, DJPa08, HM15, KFHK14, SPFd14, ZSY+14]. Modes
[UAM16, DB14]. Modification [BYZ+18]. Modifications [TLSA18]. Modified
[BA18, EAS12, MCCZC08, SSD+16, SKD+07, XLL+18, ZLLS17]. Modularity
[RM18]. Modulated [CHW+18]. Modulator
[CRP12]. Module [ZZN15]. Modules
[JLYZ16, KZW+18, KMG+05, LLH+07, LHC18, MSQ18, MTSO10, WLC11, GGZZ14, LLL16a]. Modulizer [MBB+17].
Molecular [AFAAW+11, ADPH11, BZ07, BS10a, CGLF12, CKWY12, CBES11, DM09, FSMJ05, Han10, KBP14, LCW+18, RB+13, RTA+16, WLC11, WB11, ZGC+05, ZXB11, ZZN+11b]. Molecules
[ARP+16]. Moment [BBW18, MLZ17]. Moment-Based [BBW18]. Monitoring
[PTH+18]. Monte
[GVJ+14, ADTAQ16, AKV16, Bi09]. MOPSO [CZJ17]. Morphogenesis
[CHC+05, JGBR15]. Morphology
[ZCWV19]. Most [MA13]. Motif
[BNV+13, CW11, CLO8, DBR07, HLH11, JLI0, Kar12a, KL11a, KC11, LFS06, LMPT15, LCLL10, hLMBJ11, LT07, MIC+07, MM17, RLV04, RSJK13, WLPW16, FWY+15, MMFD14, Tan14, YHV+15, Bi09, CH17, MMFD14, ZZH18a]. Motif-Based [MM17]. Motifs
[ACP10, BvBF+11, BVN+11, CFO06, CSS11, DS19, PCGS05, RA16, SSFW12, WHWP12, Wer06, ZZH18b, FWY+15, LWG+14]. Motifs-Based [SSFW12]. Motions
[CBES11]. Mouse
[JU13, NPX+07, RLRH18]. Moves
[BPH09, GZS12, HKT+18]. MPIGeneNet
[GDM18]. MR
[BMT17]. MrBayes
[LHG+16, MRd17]. MRI
[GH15]. mRNA
[LHC18, WMW12, ZK16]. MS
[BTTR11, KBBD+17, RTWR15, TTWR13, ZWD+17]. Multi
[APPG18, BMT17, BA18, BU17, GSC+18, GZC+17, GCL+18, HZW+17, JM12, KPK+17, LJK+12, NHTD17, PL17, SLX+18, SSF18, TGP+15, WMK16, WMK17, WYHX17, WLCX18, XW16, XZG+18, YRd+13, YSW+17, ZwGC17, ZHI17, CR14, GMCB14, Gu16, HWK14, KKC+14, LLCZ15, RHH16, WHZ14, WGX+17]. Multi-Assembly
[TGP+15]. Multi-Block
[KPK+17]. Multi-Channel
[BMT17]. Multi-Dimensional
[PL17]. Multi-Functional
[WMK16]. Multi-Instance
[LJK+12, WHZ14]. Multi-Label
[JM12, LJK+12, SLX+18, WMK17, WYHX17, YRd+13, WHZ14, WGX+17]. Multi-Layer
[XW16]. Multi-Layered
[WLCX18, KKC+14]. Multi-Level
[BU17]. Multi-Locus
[GZC+17]. Multi-Modal
[APPG18]. Multi-Objective
[BA18, GSC+18, GCL+18, XZG+18, ZwGC17, RHH16]. multi-platform
[GMCB14, LLCZ15]. Multi-Rank
[WLCX18]. Multi-Scale
[HZW+17]. multi-scope
[HWK14]. Multi-Source
[YSW+17]. multi-state
[Gu16].
Multi-Swarm [NHTD17]. multi-task [CR14]. Multi-View [SSF18, ZHJ17].
Multi-category [ZHS07]. Multiclass [RM13, SSS+11, XAW07, YOKI09, ZC11].
Multicore [GDM18, MTM+15].
Multicriterion [YM11].
Multidimensional [HCA+10].
Multidomain [JJH12, WKE11].
Multidrug [NTCO07].
Multiregion [Zou13].
Multifaceted [AL12].
Multiforme [CHW+18, ZLPW16].
Multifractal [DSVMM18].
Multigenomic [GXSZ17].
Multilabeled [GJS11, HSlSM11].
Multilevel [PLMV12].
Multilocal [WL13b].
Multilocus [LLC+13, MWSM12].
MultiMAGNA [VM18].
Mutagenic [Che16, YCYC12].
Mutant [HLG10].
Mutations [DFM+11, HCMB18, KKC16, KKC16, PBJ12].
Mutli-Features [BYZ+18].
Mutual [DGH+06, LDM18, MPA15, SMRP15, TZ16, ZLB+12, HRHP16].
myonuclear [SXL+14].

NAHAL [FMD18]. NAHAL-Flex [FMD18].
Naive [WDS+12, LW13a, SSB+17]. Nakleh [CLR09c]. Name [YSC13, HWK14].
Named [AV17, HK15]. named-entity [HK15]. nanotubes [MDS+16]. Nascent [AALD17].
Natural [BS08]. Naturelike [BPP+13]. NeRNA [SBY12, LTaS13]. Near [BMH+16, BEWO9, SDB+07, MW16].
Near-Linear [BEWO9]. Near-Perfect [SDB+07].
Nearest [AC12, AW18, ZSC+10]. Necessarily [PK13]. Necessary [Son06]. Negative [LWG+18, PNP+18, RM18, TWZW16, WLG+16, XLA+14]. neighbor [HS15, LAI+14]. neighbor-joining [LAI+14]. Neighborhood [BS10a, GRH08, MZL15].
Neighborhoods [CCLS13, HW13, LBL12b]. Neighbors [AC12, AW18, ZSC+10, LMZ14]. Nested
[Wan12]. Nestedness [GF10]. Net [BRS18, CNM11, ZLH+17]. Nets [RPBP18, WMK16]. Network [AKMT12, AKV16, ABS17, BDS12, BMK11, BA18, BSLR05, BNV+13, CXW+13, CMQ+16, DFTC12, DS19, EMK18, FHRG14, GLL+18, GPMH16, GSC17, GH05, HAK+12, HS09b, HW07, HGM18, JDC12, KZW+18, KAHK+10, LCWZ13, LCZ16, LES18, LZT+13, LKH+17, LLL15, MBT+13, MLZ18, MGK17, MM17, MWLS18, MVW+13, NNS07, PSS09, PL17, PCD18, RC11, RB16, RV13, SQA14, SVM+18, SMZ17, TIA+11, TLSA18, TDK13b, TP18, TC13, VSR+06, VM18, WHWP12, Wm06, Wk16, XFW07, XW16, XOYHZ18, XYX13, YFCM17, YCCM12, ZZK18, ZDL12, ZZN15, ZWL15, ZHJ17, Zha18, ZXLZ18a, ZXLZ18b, ZK16, ZS18, ZZW13, ADTQ16, BDBH15, FZM15, HLW15, LP15, MMFD14, MG14, SEC15, TWZ+14, WZC15, XLC15, XXM16]. Network-Based [GSC17, PSS09, RV13, WK16, FHRG14, SQA14]. Network-Lasso-Constrained [GHL05]. Network-Regularized [MLZ18]. Networks [AVD+12, AGAS18, AAH+18, AFJ12, ARS17, ABS15, APPG18, BBW18, BGS+12, BZ07, BCL+13a, BVBF+11, BSV10, BJ10, BP12, BNNV+11, CR09, CLR09a, CLR09b, CLR09c, CDB+16, CCL07, CW12, CXW+13, CHW+18, CWG+18, DZH16, DS19, DBN18, DT11, EAS13, ECK16, EMK18, FMR18, FZWS16, FSD16, FPFR11, FSD+11, GH08a, GD08, GS08, GB+11, HLM+13, HB05, HS09a, HF07, HM13, HAH13, HMW+12, HLY+16, HC13, HvIKS11, HDKS04, HS09, INT11, IL18, Jv118, JLYZ16, JSS+18, JZS+18, JNST09, JFN11, JHZL19, KBNH18, KN05, KP12, KCCC15, KSB12, KKC16, LFS06, LCTS08, LSMF08, LLH+07, LL11, LCZ16, LT17, LLNW17, LLL16b, LW13b, LTRW19, MSQ18, MBGP12, MPA15, MDH11, MSPY18, MPQY19, MDD18, MNW+04, MDP18, Nak10, NR09, NH07, NSN12, OMAdG+12, OYDZ15, OC13, PB12a, PAL+12, Pau19, PLCW17, PH10b]. Networks [PCK19, PNP+18, PB12b, PPZ12, PR12, QD12, RST10, RMV12, RRTB12, RSM15, SDOD+12, SS06b, SV16, SPA17, SMN12, TIA+11, TAAP11, TWG+12, TKG13, TGD+16, TV11, TGGF10, TJP17, TDK13a, UWL15, VRK12, VB18, WLL+09, WLP11, WLLL16, WP08, WH11, W112, XWF07, YKWK18, YFW16, ZM12, ZLY+13, ZZ15, ZW16, ZMN17, ZSD08, ZWW17, ZWD+17, ZWDW13, ZDHY17, Zou13, dJP18, vIKK+09, CZWT15, CSX15, DYD15, GTDK15, HKLN14, HK14, KD15, LLW+15, MW16, MM14a, NCMCAR15, PWC+15, RHH16, SRLR14, XG14, ZWL14a, ZWC15]. Neural [CC07, HB05, HF07, HLL18b, KN05, LSMF08, RLS15, XLZ15, XWF07]. Neural-Genetic [KN05]. Neuroimaging [WLA+13, ZKL18]. Neuroinformatics [NPK+07]. Neurona [TGK13, TGD+16]. Neurotoxin [MWLS18]. Neurotoxin-A [MWLS18]. NNI [BEW09]. Next [BBN18, FS13b, AKD17, PNP+18, WPL15, YWW+18, CWLZ14]. Next-Generation [BBN18, FS13b, PNP+18, YWW+18]. Ngram [LCB17]. NGS [YWW+18, ZmCS17]. NGS-FC [YWW+18]. Nibble [PWZW15]. N. niger [OMAdG+12]. NMF [Mir14]. NMR [AAG+18, CCA12, WL07]. NNI-Base [BEW09]. NNI-Based [BEW09]. Noah [HBC+11]. Nodal [CLR09b]. node [ZZ15]. Nodes [ABS15, LP15]. Noise [AKS13, FN14, JRN+18, NVS18, SSD12, ZZ17, WLY15]. Noise-Induced [SSD12]. Noising [YFCM17]. Noise [IGA18, KBND19, MDM13]. Non [HSS18, KB17, LWG+18, RM18, WLG+16, W115].
Non-Binary [KB17]. Non-fixed [ABH+14].
Non-Linear [HSS18, Wig15, KGK14].
Non-Negative [LWG+18, RM18, SLW15].
Non-redundant [MM14b].
Non-Linear [HSS18, Wig15, KGK14].
Non-Negative [LWG+18, RM18, SLW15].
Norm [LZH18, WLZ+19].
Normalization [CLM10, DLT10, SWH+12, VRJ+10, RTWR15].
Normalized [WPL15, YH13]. Normalizing [WYH17].
ODE [ZSY+14]. ODE/DDE [ZSY+14].
Optimal [BBN18, BHS+14, BAK06, BFK17, Dal16, DK13, DYD15, DFM+11, HYW08, MCRC17, Mne09, MDD18, SK08, SPRB13, WAK13, YK01, ED14]. Optimality [ACC+13].
Optimization [ED15]. Optimized [EFLA08, HDS+18, GH15]. Optimizer [GSX+18]. Optimizing [Bro05, Jam18,
KBBD\textsuperscript{+17}, LMZ14, PB12b, Pol11, TC16].

**Optimum** [WS08]. **Option** [QBPEL12].

**Order** [BRF17, KCZ\textsuperscript{+15}, LCZN16, LCGW19, MGKG17, PB12a, Wig15, DWZ\textsuperscript{+15}].

**Ordered** [ZZKW18]. **Ordering** [BG17].

**Orderings** [SMB12].

**Organism** [WFD15].

**Organized** [WZ14].

**Organizing** [WZA07].

**Oriented** [CLH\textsuperscript{+15}, LHG\textsuperscript{+16}, MCD\textsuperscript{+11}, MDPR18].

**Order** [BPJ12, RB14]. **Ortholog** [VKM07].

**Orthologous** [CZF\textsuperscript{+05}, ZZS18].

**Oscillation** [Wig15].

**Oscillations** [WGP11].

**Oscillators** [VMZM17].

**Oshell** [LHN\textsuperscript{+14}].

**OOther** [AKS13].

**OTU** [NSZK15].

**Out-of-Frame** [RLRH18].

**Outcome** [MFF\textsuperscript{+18}].

**Outcomes** [HYC12, MCT17, PGHT12].

**Outgoing** [Gus09b]. **Outlier** [CWL12, OFC\textsuperscript{+14}].

**Outline** [IGA18]. **Output** [Wan12].

**Output-Sensitive** [Wan12].

**Over-Approximation** [FL18], **overlap** [KD15].

**Overlapping** [LHDS18], **overlaps** [SSKH15].

**Overproduction** [DMD13].

**Overview** [LMK\textsuperscript{+10}].

**P** [CXS15, TAL\textsuperscript{+15}]. **P-Finder** [CXS15]. **P53** [DSZ\textsuperscript{+06}]. **Pacific** [HC15, WLC18, YSC19, ZC14]. **PageRank** [PWZW15]. **Pair** [BNV\textsuperscript{+13}, CLM10, Tsa12, WZ13b, ZGHD16, OFC\textsuperscript{+14}]. **Pair-Wise** [ZGHD16]. **Paired** [LLH\textsuperscript{+17}, SKK14].

**Paired-End** [LLH\textsuperscript{+17}]. **Pairing** [BWS05, JBP08]. **PairProSVM** [MGK08].

**Pairs** [BHS\textsuperscript{+04}, ZZS18]. **Pairwise** [ALQ17, AH11, BAK06, DK13, MGKG08, VF09, ZLY\textsuperscript{+12}]. **palindromes** [RB14].

**Palytoxin** [BCFCC13]. **Pancreatic** [BMH\textsuperscript{+16}, MFS\textsuperscript{+15}]. **Panmictic** [Wu10]. **Papers** [Ano05b, Ano09c, Ano12a, Ano13d, Ano13b, Ano13c, Cat17, Kim18, LC10, AS15].

**paradigm** [XG14]. **Parallel** [BBK\textsuperscript{+12}, BBH12, Dem12, GLS\textsuperscript{+16}, GDM18, KK19, LHS16, MBGP12, MPA15, OMWX09, TIA\textsuperscript{+11}, ZLS\textsuperscript{+15}, CFIS\textsuperscript{+15}, GPScF15, GJY\textsuperscript{+14}]. **Parallelism** [KK19].

**Parallelization** [ZwCF17]. **Parallelized** [HTLL12]. **Parallelizing** [GDWK15].

**Paralogous** [ZZS18]. **Paramecium** [iAOSS16].

**Parameter** [BBW18, BS11, BBK\textsuperscript{+12}, BS07, CAV\textsuperscript{+19}, DK17, FKL07, GB10, HF12, MNND13, PK13, SGT12, WWLL16, ZWL\textsuperscript{+12}, Gu16, HLW15, ZSY\textsuperscript{+14}]. **Parameter-Advising** [DK17]. **Parameter-Free** [HF12].

**Parameterized** [BN06, BvBF\textsuperscript{+11}, SLH\textsuperscript{+06a}, SCC\textsuperscript{+15}]. **Parameterless** [TK05]. **Parameters** [JSS\textsuperscript{+18}, SNC\textsuperscript{+16}, SMSZ17, TRS13, XSS17, Zou13].

**Parametric** [YAB13, FN14, KGK14]. **Parasite** [Gar09]. **Pareto** [ACC\textsuperscript{+13}, DK13, RM13].

**Pareto-Fronts** [RM13]. **Parity** [ES14].

**Parkinson** [ZWS\textsuperscript{+18}]. **Parsimonious** [CLH13, MW16]. **Parsimony** [ACPR10, BFK17, BVD\textsuperscript{+10}, BH06, DST07, GR08, GE18, GM09, HZQ\textsuperscript{+19}, ICL11, JNS09, NNSZ07, SHI06, SGB\textsuperscript{+08}, TBGL10, WMS09, viKKS08, KO15].

**Parsing** [RAA10]. **Part** [Cas06, Cas07, KJ04, LNY05b, LNY05a, KJ05]. **Partial** [BBK\textsuperscript{+07}, HY11, HDK04, KK08, MMS10, Smi09, TGGF10, WWC18, ZOZ10, MBS15].

**Partially** [SPA17, LV14]. **Particle** [BU17, CYTY13, GXS\textsuperscript{+18}, HKT\textsuperscript{+18}, HGM18, NPD\textsuperscript{+17}, NHTD17, WZW\textsuperscript{+18}, XWF07, XAW07, ZwGC17, ZCR\textsuperscript{+17}, GBLZ14, SPWF14]. **Partition** [Ma09, TC16]. **Partition-Optimization** [Ma09]. **Partitioning** [HKLN14, BM15].

**Path** [BCL13b, HWE17, HS08, Va11, ZD17, ZZRPZ19, BM14, ARZ\textsuperscript{+14}, SVM14].
Pathogen [YBGB10]. Pathogenic
[KZW+18]. Paths [MMS10, TGP+15].
Pathway [AJD+12, CNM11, HHY07,
LLH18, PPM+13, PIPC18, RAM17, TP18,
WGK16, ZWK19, ED14, LHY+16].
Pathway-Induced [TP18]. Pathways
[ATA+17, AHH+18, DMD13, ED15,
FKLS07, GLS+16, KSN+12, SBRK11,
UWLH15, ZZ13, ZZ18, GJPSV14]. Patients
[HEE+18, MFF+18]. Pattern
[BHS+04, CLST+13, CLZ+18, GJJ+06,
Han10, HPL+13, LSTW+17, LJK+12,
LCW+18, MB16, RB16, STO06, SHJL10,
WMWA12, ZYW17, ZNZ+11b, ZAZ11,
ABH+14, KD15, MNA14]. Pattern-Based
[MB16]. Patterns
[BLR08, CLW13, CLC+17, Gra04, MMH15,
ML18, MB16, MCHT17, PG06, PCGS05,
SB09, X1L6, ZGC+05, CA14, GÁVRL15,
KGK14, TYL+16, WL14]. PBN [MPSY18].
PC [TSMG+13]. PCID [HZW+17]. PCR
[Che16, YCYC12]. PCR-RFLP
[Che16, YCYC12]. PDZ [HZTP12]. Peak
[PH10a, YLXS17, YHYY12, YLL+06,
ZLW+11]. Peak-Labeling [PH10a].
Peakbin [ASI+11]. pediatic [ZMP+14].
Pedigree [HWPE17, MYCW12, PVB+12].
Pedigrees [HWPE17, PG06, PBJ12].
Penalized
[LW19b, PSIM17, ST05, ZZN+11b, LYH+16].
Penalty [LNR+09, LTT+10, YZG+17].
Pepsin [AHT+18]. Peptide
[AKR12, IDD13, JXN+16, KNTB18, LZ18a,
LMZL17, WM19, YKW17, YMW+12,
YHYY12, dAc17]. Peptides
[JKN+12, VKS17]. Percolation [BMH+16].
Percolator [YMW+12]. Perfect
[BBSP08, BBCP07, GG11, HKM+18, KS14,
SM08, SDB+07, vIKKS08]. Perform
[ATA+17]. Performance
[iAOSS16, BGS+12, BWRF12, CNM11,
Dal16, HBB12, Jam18, LGG+16, Maz12].
Performing [AKD17]. Periodic [AKMT12].
Periodicities [MEOL14]. Permeation
[KL11c]. Permutation
[Gru11, MTNH17, TW10]. Permutation-Based
[TW10]. Permutations [GBD17]. PerPAS [LLH18].
Personal [GSX+18].
Personal-Best-Position [GSX+18].
Personalized [Ano12a]. Perspective
[CMI3, YHY13, SRLR14]. Perturbation
[BDS12, HAH13, RM18, WLLL16].
Perturbed [ZKW18]. Petri
[BR18, CNS11, RPPB18]. Phase
[BCL+13a, RCM+19, ZCR+17]. Phasing
[BZ08, GMP08, PVB+12, YXyc13].
Phenomena [MNND13, NN+12].
Phenotype [ABVD12, CSW11, DMJ+18,
ED15, WDX+15]. Phenotype-dependent
[WDX+15]. Phenotype-Specific
[ABVD12]. phenotypes [TWZ+14].
Phenotypic [PN17]. Phenotypically
[QD12]. Phenytyper [ZDL+19]. Phi
[MPA15]. Phosphorylation [XTL12c].
Phosphorylation
[CRP12, XW16, LWG+14, TAL+15].
Phylogenetic
[BZ07, BG12, BS07, BGHM09, CRV09,
CLR09a, CLR09b, CLR09c, CW12,
GH08a, GFS13, GJS11, HvIKS11, HDKS04,
Hu09, Jam17, Jam18, JS12, Jv18, JNST09,
KL11a, LFK16, LRM12, LHC+16, LCSW18,
Mat09, MPKvH09, MNW+04, Mos07,
Nak10, PAS+11, PB12b, RdMCBC13,
Roc06, SM08, SDB+07, SWH+12, SSS13b,
WLMW+11, WBE13, Will12, WMS09, ZM12,
vIKK+09, DNR15, DS14, MW16, Nye14].
Phylogenetics
[AR09, Gus09b, HMS09, MBKK18, TM11].
Phylogenomics [PR18]. Phylogeny
[BBSP08, BFM13, BM13, GG11, HKM+18,
MR10, MS10, SM08, SLB+08, WYL07,
vIKKS08, KS14]. Physarum
[GLL+18, LGZ+17]. Physarum-Based
[LGZ+17]. Physarum-Inspired [GLZ+18].
Physical
[BCL13b, GLS+16, WRH+09, KSA16].
Prosthetics [XLZ+15]. Protease [AFAAW+11]. Protecting [RCP+18].
Protection [MZSL19]. Protein [ASJ+07, AC12, AM12, ADPH13, AAE11, BCS11, BM17, BWC17, BYZ+18, BS10, BTYC13, BM12, BNV+11, BNV+13, Bro05, CCA12, CLST+13, CC07, CWL12, CHZ+16, CZW+18, CDKT09, CGPW06, CBF+18, CHK17, DLT10, DKCM12, DZA+06, DPS+13, DDS+17, DS19, DCVC11, ECK16, EMK18, ED15, FSDR16, FJJ11, FMD18, FWA10, GSC+18, GBS11, GED+17, HBRU13, HLV+10, HZYZ16, HYY11, HC18, HCLS11, HC13, HC17, HLZ+17, HMK+07, mHB13, HRdR09, IQA18, IDD13, JJIH12, JLwC11, JLYZ16, JM12, KAHK+10, KAP+12, KSK+18, LS10, LDS+07, LRM08, LSTW+18, LFF18, LH+07, LBL12a, LZ18, LW19, hLMBJ11, LLW10, LLZ+13, LCGW19, LGB15, LCB17, MKG08, Mam05, MK16, MMB+13, MPS18, MCCZC08, MZH11, MCD12, MP11, MS13b, MDY13, NZR11, NH+17, ORCJ13, OM07, OYDZ15, PLF12, PLCW17, PR12, Pol11, Pol12, Pol13, PSN+15. Protein [QLZ16, Roc11, dSRC+11, RSG18, RSP08, RGN+09, S11, SYM+10, SDS18, SN12, SH11b, Shi10, SBM15, Str11, SSWF12, SSF18, TRKB08, TRKB09, Tsa12, VMD+08, VB+18, WM1K17, WLYZ+09, WLC11, WSWX11, WLMW+11, WL13b, WYHD17, WP08, WHKK07, WAK13, WLL13, WLWP16, WOYL17, WZ13b, XHY+18, XPXY11, XTL12c, YHY12, YHY13, YDM+08, YWK18, YRD+13, YRD+14a, YRD+14b, YFWZ16, ZD12, ZLY+12, ZDL12, ZLY+13, ZWcF17, ZLY+12, ZHAL18, ZWD+17, ZZDY13, ZZDW13, ZZHY17, AM15, BDBH15, BF14, CWZW15, CR14, CM15, CXS15, DPL+14, DC15, GJPSV14, GAVRRL15, HLW15, KGK14, KD15, LMZ14, LHFW15, NYOL15, PSK+15, PWZG15, PWC+15, SCC+15, SEC15, TYA15, TAL+15, WL14, WHZ14, XG14, YTL15, YLH+15, YRD+15, ZMT14, ZZ15, ZWL+14b, ZMC+14, WSTL+15. Protein-Binding [ZZDY13]. Protein-DNA [ASJ+07, CLST+13, HLZ+17, LSTW+17]. Protein-Ligand [AM12, WLL13]. Protein-Peptide [YHYY12]. Protein-Protein [AC12, ADPH13, BCS11, BS10, BNV+11, BNV+13, ECK16, FSDR16, GED+17, HLY+10, HMK+07, JLYZ16, KAHK+10, Mam05, MDM13, OYDZ15, PR12, RSG18, SMB15, Tsa12, YKWK18, ZLY+12, ZDL12, ZLY+13, ZZDW13, ZZHY17]. Protein-RNA [KSK+18, LW19a]. protein-to-protein [XG14]. Proteins [DBK18, FL18, GRS+09, HCA+10, HLG10, KNTB18, LCWZ13, LLX+16, LYL+17, LNN17, MGL+12, MGXS15, NLGG12, QL16, QC+16, SP11, SS+11, SSP+17, Tah18, TR07, WMK16, WBP+12, WLWP12, WKE11, WZ13a, YFWZ18, Zha18, XZL18a, ZXLZ18b, ZZDY13, ZBFK10, dAc17, DGR15, GJK15, LLW+15, PWC+15, TWZP14]. Proteomic [MCC16, RLRH18]. Proteomics [KBBD+17, PH10a]. Protocol [JHW+19]. prototype [EES14]. Protozoan [GAR+09]. Proximity [JCF13]. Pseudo [NLGG12]. Pseudogene [JZ17]. Pseudoknot [CC11]. Pseudoknots [Jia10, MWL+12, RAA10, SW17, WHS04, WCL12]. PSO [SS+11, AV17, HYW+17, MM14b, ZWL+12]. PSO-based [MM14b]. PSPEL [LYL+17]. Psychologically [TNQ08]. Pubcast [GTTR+17]. Publishing [Ano13e]. Pull [GS12]. Pure [BVD+10, BH06, HVG04, ICL11]. purification [CWZW15]. purification/mass [CWZW15]. Putative [CAN+08, LPH18, SSP+17, YCCM12]. PyMut [LHDS18]. QSAR [WB11]. quadratic [RB14].
Quadruplexes [LBQ+13], quadrupole [CZB+16]. Qualitative
[BD12, INT11, PAU18]. Quality
[ANR11, BZ10, GAJ+18, SGR+17, WLG+14]. Quantification [LCOMG14]. Quantifying
[FLW+14, GF10, ZLH12]. Quantitative
[AAF+13, BCMW15, BMZM15, CMC+12, FYSM12, IDD13, MVS+13, PLMV12, TRKRC13, RTWR15]. Quantum [KAR12b].
Quartet [BLS12, DLRW18, WYL07]. Quartet-Based [WYL07]. Quartets [GSH+13, SR10]. Quasi
[CAW+19, JAM17, MCC16, QK018]. Quasi-Bicliques [LLW10, MMB+13]. Quasi-Newton [CAW+19].
Quasi-Supervised [KAR12a]. Queries [JAM18, SVM14]. Query
[HHSC13, NSC17, PHX+08]. Query-Based
[HHSC13]. Querying [BSV10, FPPR11, JAM17, MCC16]. QuickVina [HOS+12a, HOS+12b]. Quorum [CZJ17, KAR12b].
r [SIM12, BHH12, VPB15]. R-based
[VPB15]. R5 [LSMF08]. R5X4 [LSMF08]. Radial [DM09]. Radiation [SDAA+14].
RAFP [KNTB18]. RAFP-Pred [KNTB18]. Rafts [HBRU13]. Random
[ALQ17, ABS17, CMS+15, CSK+11, CZA18, GRRU1, HCMB18, HBC+11, ISK18, LZH17, MGXS15, PGHT12, PLCW17,
RW07, WL13b, WWL+17, XW16, YSW+17, YFWZ18, CWZW15, DGR15, GGGZ14, SHK14, SPWF14, YLH+15]. Randomized
[AJYT+15]. Range
[HYW08, MK16, SKH15]. RANGI
[RSJ13]. Rank
[CDB+16, LCW+18, WLCX18, WLZ+19, XHQA+18, XLI+18, YZG+17, SFH+14]. Ranked [DRS12, DR14]. Ranking
[AM12, DLT10, ELFA08, LJD+15, LGX10, RMV12, RV13, SPMB13, Tsa12, ZLZ06, ZWSX12].
Rapid [XLC+15]. Rapid [AJD+12, BA18]. Reconstructibility
[AGMP09, GGP08, GCB+18, HLM+13, JS12, LKY+11, SS04, XSS17, YAB13, ZMT12, CWDS15, ZMT14]. Rates
[EW04, HBL11, GJY+14]. Rates-across-Sites [EW04]. Ratio
[SBW15, WM19]. Ray [ST11]. RBioCloud
[VPB15]. RBS [HPH+15]. RDCurve
[LGX10]. Red [YLT+17]. Re-Mapping
[YLXS17]. Reachability
[GT15, GOS11, LT17]. Reaction
[BBW18, FMRS18, FZWS17, HLM+13, HM13, MDPR18, TLSA18, TPS17, VSR+06, SY14]. Reaction-Diffusion
[FZWS17]. Reactions
[BCF13, DB14, XLC+15]. Read
[AKL17, JZW17, AKD17, MTM+15, ML18, TED+12, TC16, CWLZ14, FSL+15]. Readable
[HLC10]. Reading [GGP08]. Readmission [WCC+18]. Reads
[KK19, PS11, FSL+15]. Real [HG16]. Real-Time
[HG16]. Rearrangement
[BMM06, BFM13, CZF+05, FM11, HWS+18, MMS10, MS10, ZZZ07]. Rearrangement-Based
[BFM13]. Rearrangements
[BG05, FMI3, HBM19, BS15]. Reasoning
[BD12]. Reassortment [BJ10, BPJ12]. RecA
[SB12]. Recalibration [BM80]. Receiver
[WLA+13]. Receptor
[BRRU13, STT+14]. receptor-ligand
[STT+14]. Receptors [ISK18, KAL+17]. Recipe
[YLFX+11]. Reciprocal [QLLX10]. Recognition
[ASJ+07, AV17, FLW12, HLSR18, LCGW19, TGLP16, VHS05, ZZCY10, ZCWW19, DPL+14, HK15, MIA14].
Recombinant
[WU11]. Recombination
[BB04, NNZZ07, NLH17, GJY+14]. Recombinations
[SB12]. Recommender
[WLCX18]. Reconciliation
[GET13, KB17, LCMO18, LB19, WHBM15, ZZZ14].
Reconciliations [DHC12, HZM19]. Reconciling
[Wil18]. Reconstruct
[AJD+12, BA18]. Reconstructibility


[BdOS+18]. **Segments** [YXS16, NYOL15].
**Select** [KCP18, LLZC12, WB11]. **Selected** [Cat17, HCQ14, Kim18, LC10, AS15].
**Selecting** [HKSI1, KTLM15, LLC+15].
**Selection**
[AV17, AWW18, AMHH16, ASI+11, ACWW05, ACWW07, BHHMCL16, Bon07, BS08, BCL13b, FYSM12, GZG17, GCB+18, HYW+17, HLL+18a, HDS+18, HC07, LTM+12, LH10, LLC+13, LW17, LDM18, LPH+13, LW19b, LSB+11, LHY+11, MT11, MCRC17, MCHT17, MFB+11, NPD+17, NO09, OLZ11, PGHT12, PBl+11, RM13, SMRP15, SLX+18, SIM12, SZLI11, TZH07, TZ16, WSX11, WL13b, WL+16, WWC18, YM11, YHB12, ZLP16, ZwGC17, ZCR+17, ZKL18, ZYW+10, BCLC15, HRHP16, HLW15, LRRZ15, LJJ+14, MZL15, MMSH14, WFD15, YCY+14].
**Selectivity** [VKS17]. **Self**
[CMC+12, GF10, LYL+17, WZA07, WMWA12, XHQ+18, YWK+07, YMW+12].
**Self-Adaptive** [YWK+07]. **Self-Assembly** [CMC+12]. **Self-Boosted** [YMW+12].
**Self-Interacting** [LYL+17].
**Self-Nestedness** [GF10]. **Self-Organizing** [WZA07].
**Self-Regulation** [WMWA12].
**Self-Training** [XHQ+18]. **Semantic**
[CLH+15, DKDD10, DBK18, GM16, IGA18, JZLI3, MCC16, SSP+05, YFWZ16, HK15, JC15, SLS+14]. **Semantic-Based** [GM16].
**semantically** [Tah14]. **Semantics**
[FMRS18, GzS11, HS09b]. **Semi** [AMHH16, DGV+17, HF12, JM12, KL11c, YCY+14].
**Semi-Automated** [DGV+17].
**Semi-Markov** [KL11c]. **Semi-Supervised**
[AMHH16, HF12, JM12, YCY+14].
**Semiglobal** [MKH11]. **Semisupervised**
[FSMJ05, KC11, LHY11, LTL+07, XAW07].
**Sensitivity**
[CHZ1+16, HYW+17, PSIM17, XZG+18, BHW+14]. **Sensitivity-Based** [XZG+18]. **Separability** [MT11, UC10]. **Separable** [LWZ12]. **Separated** [Po13]. **Seq**
[HTR19, LHN+14, AALD17, CSM+18, LWG+16, WS12, ZGDH16]. **SeqDB** [Ho13].
**Sequence**
[AH11, AGMP09, BAK06, CYYW12, CLW13, CHZ+16, CWLS15, CGPW06, DSZ+06, DK17, DK31, FS18, HB05, HZTP12, HT09, HPL+13, HLZ+17, HYZ16, HLG10, IGM+07, IGA18, JLI10, KCD+12, KSI18, KKO8, KMG15, KMG15, LN17, LP18, cLWA07, LG19, MMD+12, MGL+12, NNS07, NP13, NSZ15, PLF12, PS01, POS+18, PT09, RW07, RCM+19, dSRTC+11, SLH+06a, WL16, WYHD17, WZ13a, WCXL18, XHY+18, YH13, ZWC17, CV14, GJPS14, MBS15, PSM+15, STT+14, SPWF14, YTL15].
**Sequence-Based** [CHZ+16, HLZ+17, LPH18, MML+12, YZW13a].
**sequence-independent** [PSK+15].
**Sequence-Order** [LCGW19].
**Sequence-Specific** [AH11]. **Sequences**
[B09, CW07, CFO06, CWLS15, CLS19, CAN+08, CHK17, DSVM18, FM12, HC17, HLDZ17, HLH11, Kar12a, KWL07, KCI1, KTO7, LPH18, LLW+11b, LYL+17, MRK18, MIC+07, RH05, RL04, RA16, SLH06b, TED+12, WL13a, WKL12, Wan12, Wu11, ZWS16, CR14, DKS+15, GÁVRL15, LZGZ14, WL14, YICW+15].
**Sequencing**
[AAR12, BB18, CH11, FS13b, HG16, AKD17, KSI15, Kuo13, LMDL17, ML18, OLS+13, PNP+18, Pre04, WM19, WLP15, YKW17, YMW+18, FSL+15, WLC+15, XZG+14].
**Sequencing-by-Hybridization** [Pre04].
**Sequential**
[AKV16, KCZ+15, WL07, YLL+06, ZWS16].
**Serial** [WZA07]. **Series**
[BMM11, EAS13, HAH13, KSB12, KMG+05, LLL15, MTSCO10, PH10b, RMS15, SC11, WLL+09, WGP11, ZZW18].
**Serum**
[ZmCX517], smoothed [MEOL14].

SMT-based [KH14]. SNP
[CSK+11, Che16, DWZ+15, FYSM12, GGP08, LLC+15, Wu11, XZY+14, YCYC12, YLCC13]. SNPs [LLC+13, LLZC12]. Soft
[LCB17, MDH11, RP13, FHRG14].

Software [Ano13b, Ano13c, CM15, GSK13, AKD17, MZ17, XHS15]. software [Ano13d].

Solid [KHP12]. Solution [BSST08, HLM+13, LV14, XLC+15, SAM+19].

Solutions [BLS12, WOYL17]. Solvent
[GSC+18]. Solving [BM08, LGZ+17, ARZ+14, PHX+08, TGP+15]. Somatic
[KCZ+15]. Some [BvdGK+11]. Sorting
[BBCP07, BSST08, BS15, ECL+06, GBD17, HB19, MR10, QLX+10, Wan16, dDD18, ZZ14]. sound [BCM15]. Source
[YSW+17]. Sources
[JS08, LHZH17, MR18]. SP [ADPH13].

SP-Dock [ADPH13]. spa [AKNB07]. Space
[AKS13, BPV+11, BSST08, DKCM12, DHC12, GLS+16, HRZ+19, HZZY16, Nak10, NSNN12, OP11, YLL+06, ZZY+17, LHS16, SHK14, BU17]. space-efficient [LHS16].

Spaced [Zha07, LMZ14]. Spaces
[DSZ+06, HEF17, YDM+08]. Spanning
[HEF17]. Sparse
[BBH12, CDB+16, Che10, FYSM12, GCB+18, JFN11, KSN+12, LDM18, LLT10, LXG+16, MLZ18, SS0D+12, TP18, WHXS17, XLS16, YCMC12, YZG+17, ZDL12, ZmCX517, ZZZ+11a, SX+14].

Sparsity [NSNN12, MMS14].

sparsity-inducing [MMS14]. Spartan
[ATA+17]. Spatial
[BU17, HKT+18, JL10, LUdSCH10, LW18, LCOMG14, RKZ16, SSFW12, ZYF+18].

Spatial-Temporal [ZYF+18]. spatially
[ZMC+14]. Spatial
[SDD+06].

Spatio-Temporal [SDA+06]. Special
[Ano09c, Ano12a, Ano13d, Ano13b, Ano13c, BLP18, BPW17, BPRZ11, Cas06, CZ12, FS12, FS13a, FJJ18, GH08b, Gus09b, GM16, HMB16, HBG17, HBG18, HMS09, KJ04, KJ05, MPZ08, MPSZ09, MWZ13, MNPZ10, MJ18, TS17, TS18, TH18, WYWX16, WLWN17, WH11, YS17, ZC15, dSK13, CEG14, LW15, MKARB16, PR14, SA15, XHS15, Ano05b, Cas07, LNY05b, LNY05a, MPZ07, RZF07]. Speciation
[ZZS18]. Species [ADR18, DRS12, DR16, DHC12, LB19, MSG18, SPM18, VRJ+10, Zha11, DR14, HKW14]. Species-Based
[VRJ+10]. Specific
[AH11, ABVD12, CSS11, JLwC11, MSQ18, MB16, RB16, XLZ+15, YKMK18, ZCG+18, GBLZ14, MZS+16, MEOL14]. Specificities
[LLX+16]. Specified
[ZWS18]. Speciation
[AW11, LHZH17, OG11, YKW17, ZGC+05, ZGB+12, DST+15b]. Spectral
[FLAM15, SSDN12, Sh11b, WNT+17, YLY+12, Zhang17, ZYW+13]. Spectrometry
[AS1+11, HYY11, KSS15, Ph10a, SN12, YM+12, ZLW+11, CWZW15, KGF+14, SHK14]. Spectrometry-Based
[SN12]. spectroscopy
[CZB+16]. Spectrum
[KSS15, Pre04, SVDSS+18]. Speed
[BE08, TC16]. Speed-Up
[BE08]. SpeedHap
[GGP08]. SPF [HKT+18].

SPF-CellTracker [HKT+18]. Spike
[HLL18b]. Spin
[AAG+18]. Splice
[KCD+12, KLB14]. Spliced [RLR18]. splicing
[KLB14]. Spline
[ZXB11, ZSY+14]. Split
[BG12, MPKvH09, PB12h, SNM08, SNM12, BCMW15]. Splits
[ADR18, DH04]. Spots
[SP11]. SPR
[CCLS13]. Spreadsheet
[VS+06]. Spring
[DAB17]. Spurious
[ZWS18, ZHY17]. Square
[Cza17]. Squared
[CD08]. Squares
[FSY08, LN13, WWC18, MS15].

Squares-Based [WWC18]. Stability
[CXW+13, FZWS17, HLG10, LFK16, LGX10, MT12b, ZHL12, ZW16, ZL15, ZWC15]. Stability-Based
[CXW+13]. Stabilization
[AGAS18]. Stable
[CBZ18, SMRP15, Wig15, YHB12].

Stacking
[SSD+16]. Stacks
[MCRC17].

Stadiums
[Cza18]. Stage
Strings: AS05, AL12, BWC17, BRZ+17, BTYC13, BKR11, BM12, CCA12, CC07, CC11, CHL+12, CLW13, CMQ+16, CDKT09, CGPW06, CBF+18, DZA+06, DBZ12, DVC11, ED15, FLW12, FSDR16, FSB+11, FMD18, GSC+18, HZZY16, HS09a, HVG04, HCS11, KAP+12, LQV+13, LBL12a, LZ18b, LZZ+16, LHQ+18, LBQ+13, MPS18, MKH11, MSSI13b, NA11, NZR11, NW+18, ORC13, Pol11, Pol12, Pol13, QTZ15, RP13, RM18, SH11b, SLH+06a, SK12, SSF18, TW10, WS08, WXY11, WDH08, WAK13, WWL+17, ZZZY10, ZCG+18, HS15, LAI+14, ARZ+14, PWZW15, SEC15, Vog15.

Structure: CCA12, DBZ12, MKH11, ZCG+18.

Structure-Guided: MPS18.

Structure-Redesigned-Based: NLW+18.

Structure-Sequence: SLH+06a.

Structured: CFOS06, GSK13, LW19b, TBKH05, MMSH14.

Structures: AJD+12, BDD+10, HXXJ18, Jia10, MCD12, Mne09, Ozy12, Shi10, VMD+08, WLYZ+09, WHS04, ABH+14, NYOL15, ZMC+14.

Studies: EFLA08, IY12, KAL+17, LEAK11, LRM08, LZC12, RGI13, SYK15, SJZ19, VTGC16, WYY+13.

Studying: HBRU13, LHTT11, MWLS18.

Subcellular: hLMBJ11, MGK08, OM07, QWC+16, SLX+18, TR07, WL13b, XPY11, YL12.

Subchloroplast: WMK17.

subclones: XLWL15.

Subdivided: Wu10.

Subgraph: BG17, CLC+17, ZLY+12.

Submodels: JS12.

Subsequence: BVD+07.

Subset: MT11, RGN+09.

subsets: SQZA14.

Subspace: LCW+18, SY09, XHQ+18, AJYT+15.

Substitution: AH11, DFM+11.

Substitutions: SGC07.

Substrate: LLX+16.

Substring: CW11.

Substructural: CLC+17.
Tractability [BS11, GB10, SHI06, vIKKS08]. Tractable [BS07, KO15, Lab06, PK13]. Trade [PH10b]. Trade-Off [PH10b]. Training [XHQ$^{+18}$, YSC13]. Trajectories [KBNHD18, KBND19]. Trajectories [CGIF12]. TraM [AFJ12]. Trans-Genomic [PHX$^{+08}$]. Transaction [Gus05]. Transactional [XPH12]. Transcription [BP13, CRV09, DHC12, GZFT15, GRH08, GET13, GE18, GM09, GJS11, HEF17, JNS18, Jv18, KVX12, LCE18, LPR$^{+08}$, Mat07, NSNA19, OP11, QTZ15, ROC06, SLKD17, STO06, SM18, Son06, SDB$^{+07}$, TBR1S11, Wns11, Zha11, ZN17, GE15, LAI$^{+14}$, WLY14, ZZ14]. Tree-Based [Jv18]. Tree-Child [CRV09]. Tree-Like [HEF17, NSNA19]. tree-reconciliation-based [ZZ14]. Tree/Species [DHC12]. Treelike [PH11]. Treespace [WYH17, Nye14]. Trends [MKARB16]. TRIAL [VSKJ11]. Triangular [MGKG17]. Trigger [HLS$^{+18a}$, JRN$^{+18}$]. Triggered [ZZ13]. Trios [BZ08]. Triple [YLY$^{+12}$]. Triplets [CLRV09b, GJS11, vIKK$^{+09}$]. True [ALR$^{+13}$, Val11]. Trypanosoma [GAR$^{+09}$]. Trypsinized [dAc17]. Tumor [HKM$^{+18}$, KHP12, LXY+18, SSS13b, WZ1H12, WLZ$^{+19}$, YCY$^{+13}$, ZN$^{+11}$a, LZX$^{+15}$, XLY15, YCY$^{+14}$]. Tumorgenesis [KCZ$^{+15}$]. Tumors [DGY05]. tunnels [PSK$^{+16}$]. Twin [HCLS11]. Two [APRS11, BS07, HLL$^{+18a}$, HHYH07, LTA13, LLY+13, MPY18, PBhL$^{+11}$, PK13, SC11, SY09, TZH07, Wns12, XWC15, ZCR$^{+17}$]. Two-Stage [HLS$^{+18a}$, HHYH07, TZH07]. Two-State [MPY18]. Two-Step [PBhL$^{+11}$]. Two-Tree [APRS11]. Two-Way [SY09]. txCoords [YLY17]. Type [CLZ$^{+18}$, UK18, ZZ13]. Types
Typing [AKNB07, BBSP08].


Unbalanced [PLCW17]. Uncertain [BMZM15, MDD18, ZWL+14b].

Uncertainty [Dal16, RdICGW09, UWLH15, DI15, DYD15]. Uncertainty-Aware [UWLH15].

Uncorrelated [YLXJ04]. Uncovering [LLX+11, PSIM17, PAS+11].

Underestimation [HZZY16]. Understanding [NZR11]. Undirected [SM08, TRBK09]. Unfold [Qiu14].

Unicyclic [SS06b]. Unidentifiable [EW04].

Uniﬁed [CLST+13, GET13, SYM+10, SW09, WCXL18]. Uniform [RLV04]. unify


Unparametrized [KSB12]. unravel

Unravelling [dNG17]. Unrelated [BZ08]. Unrooted

Unscented [MNND13]. Unsigned [CWZL08].

Unsupervised [AMHH16, AV12, JLH16, LW17, LHKL17, Man05, NO09, SFMS18, Vog15, ZWSX12, LHZGZ14].

Untangling [VASG10]. Update [ZWLI14a]. Updates [IT09]. upon [CSW11].

upstream [MBS15]. Usage [LSMF08, MNR09]. Use [ALWG18]. Used [Pol11].

Using [AKNB07, AH11, AV17, AOSN+18, ALR+13, AGGM11, AFJ12, AFAAW+11, AV12, ASI+11, AD12, ADPH13, BBN18, BGS+12, BHMA06, BFM13, BMHS13, BSV10, BS10a, BHHMCL16, BM12, BWRFW12, BBH12, CP13, CC11, CLC+17, CWLS15, CLH+15, CD08, CWKY12, CWZ08, CYTY13, CSS11, CAN+08, DSHM08, DMJ+18, DM09, DKDD10, DABV17, DBK18, EMDH11, FJJ11, FSBU11, GZG17, GK08, GPMH16, GLW12, GED+17, HEK18, HOS+12a, HOS+12b, HZSZY16, HZTP12, HYY11, HS08, HCY12, HKT+18, HCLS11, HPL+13, HLSR18, HDS+18, HC07, HMK+07, HF12, HGM18, INT11, IQA18, Kar12a, KNTB18, KCP18, KK19, KAHK+10, KVX12, LCEMO18, LFK16, LLX+11, LLH+17, LYL+17, LW19a, cLWA07, LHZH18, LWZ12, LHKL17, LHQ+18, LLL15, LT07, MNR09, MGXS15, MTSCO10, MTHI17, MK16, MBP+18, MCCZC08, MIC+07, MFF+18, MWSM12, MGS17, MDM13, OC13, PGHT12]. Using [PI09, PR18, PLCW17, PFG18, PN17, QBPHEL12, RM13, RTA+16, RdICGW09, RP13, RKZ16, RBdJ11, RA16, SP11, SLGK17, SMRP15, SB12, SBW15, SYZ+13, SRM18, ST05, SDCW11, SSD+16, SSP+17, SKD+07, SR06, SZL11, SGH12, TIA+11, TGGF10, TZY11, TED+12, TW10, TWZW16, UAH16, Vis18, WS12, WCX07, WJH12, WRH+09, WB11, WLL13, WDS+12, WZ13a, XWF07, XAW07, XLL+18, YCYC12, YLCC13, YLXJ04, YNBM05, YBGB10, YOK109, ZLLZ17, ZHEB05, ZHSS07, ZLWP16, ZLH+17, ZZY+17, ZC+18, ZSD08, ZW17, ZSC+10, ZFY+18, ZWY+10, ZZDY13, ZGHD16, ZHY17, ZCWW19, ZL15, vBdRD+11, CWDS15, CR14, CBZ+16, DGRC15, EES14, GGZ14, GZGX14, GÁVRR1L5, HC14a, HS15, HWWK14, HK15, JZCZ15, JHHX15, KGK14, KD15, LJK+14, LP15, LXZ+15, MZL15, MEOL14, MMSH14, ARZ+14, NI07, PZWS15, PRZ+14, RHH16, SHK15, SLS+14, SXL+14, WSTL+15, XZJ+14, YRD+13, YRD+14a, YRD+15].

using [ZSY+14]. uSPR [BS10b].

Utilization [ED15]. Utilizing [HC13, NSC17].

Vaccine [SSP+17]. Validation [BG13, CBZ18, GZB+18, GHL05, JC13, MBF+11, ZLLZ17]. Validity
[OMAdG+12]. Xor [BVD+10].

**Y-Ion** [WM19]. **YamiPred** [KTLM15].

**Year** [Gus09a]. **Yeast**
[CAW+19, CS15, ZACS09].

**Zassenhaus** [CP13]. **zebrafish** [GCC+14].

**Zero** [YNBM05, ZW13]. **Zero-Suppressed**
[YNBM05]. **ZoomOut** [ABS15].

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